

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# MICHELL'S BULBS

LIBRARY  
RECEIVED  
OCT 11 1924 ★  
U.S. Department of Agriculture.

## 1924



*Michell's Superb*  
**DARWIN TULIPS**  
1—**Clara Butt.** Doz. 70c; \$4.00 per 100; per 1000, \$32.50.  
2—**Mme. Krelage.** Doz. 85c; \$5.50 per 100; per 1000, \$45.00.  
3—**White Queen.** Doz. 75c; \$5.00 per 100; per 1000, \$42.50.  
4—**Mr. Farncombe Sanders.** Doz. 85c; \$5.50 per 100; per 1000, \$45.00.  
5—**Phillippe de Commines.** Doz. 75c; \$4.75 per 100; per 1000, \$40.00.  
6—**La Tulip Noire.** Doz. 85c; \$5.50 per 100; per 1000, \$45.00.  
If wanted by Parcel Post, add 15c per doz., 30c per 100, postage.  
*See body of this catalog for other varieties of Darwin Tulips; refer to index*

HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.

# MICHELL'S DARWIN TULIPS



	Doz.	100	1000
1—Princess Elizabeth . . .	\$1.25	\$8.00	\$70.00
2—Rev. H. Ewbank . . .	.70	4.00	33.00
3—Pride of Haarlem . . .	.70	4.00	33.00
4—Bartigon . . .	1.00	6.00	50.00
5—Royal White (Cottage Garden) . . .	1.00	6.25	55.00

If wanted by Parcel Post, add 15c per doz., 30c per 100, for postage

See body of this catalog for other varieties of Darwin Tulips; refer to index

**NOTICE TO CUSTOMERS  
OUTSIDE OF THE  
UNITED STATES**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

**BUSINESS TERMS**

We especially invite Charge Accounts, which is more convenient than to remit for each order at the time it is sent us. When sending your first charge order, please send us the names and addresses of two or more business houses with whom you have had past or present credit relations.

**REGARDS C. O. D.  
SHIPMENTS**

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.). No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. C. O. D. orders cannot be filled where the amount is less than \$1.00.



**SHIPPING INSTRUCTIONS**—Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

**PACKING CHARGES**—No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged. Any extra charges over actual postage on Parcel Post orders is for extra packing required.

**PARCEL POST SHIPMENT AT OUR EXPENSE AS FOLLOWS**—We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item, or consult your Post Office for rates.

Parcel Post weight limits are 70 lbs. in 1st, 2d and 3d zone; in all other zones 50 lbs.

**CONDITIONS OF SALES**

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.



Bird's Eye View  
MICHELL'S NURSERIES and GREENHOUSES  
Andalusia, Penna.

HENRY F. MICHELL { PRESIDENT  
SECRETARY

FRED'K J. MICHELL { VICE-PRESIDENT  
TREASURER

**HENRY F. MICHELL CO.**

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS,  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES { 509-11-13 LUDLOW ST.  
AMERICAN AND DAUPHIN STS.

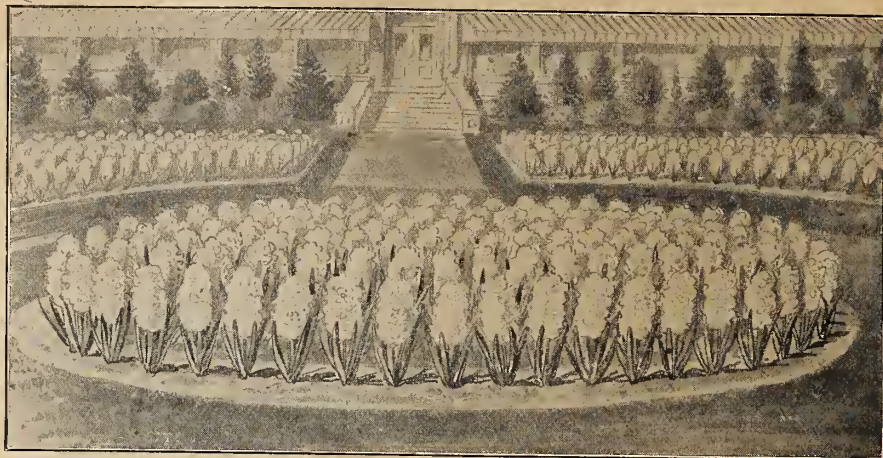
518-516 MARKET ST., PHILA.

NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

BELL AND KEYSTONE  
TELEPHONES

(1)

# MICHELL'S SUPERB NAMED HYACINTHS



**CULTURAL DIRECTIONS FOR HYACINTHS.**—For **Outdoors** plant in October and November in soil composed of 1-3 sand, 1-3 cow or sheep manure, and 1-3 good garden soil. After the ground has frozen, cover with litter, leaves or coarse manure.

For **Pots** use same soil as directed above and plant any time from September to November. After planting, water well and bury the pots outdoors to the depth of 6 inches for eight weeks. After this remove to a cool room.

For **Glasses** the single varieties are the best. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and place the glasses in a cool, dark place. Change the water occasionally. Keep in the dark about 8 weeks, and then remove to a light, cool place.

## SINGLE FIRST SIZE HYACINTHS

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow.....	\$0.20	\$2.00	\$12.00
Gertrude. Deep rose.....	.20	2.00	12.00
Gigantea. Flesh pink.....	.20	2.00	12.00
Grand Maitre. Bright porcelain blue.....	.20	2.00	12.00
King of Blues. Deep blue.....	.20	2.00	12.00
King of Yellows. Orange yellow.....	.20	2.00	12.00
Lady Derby. Delicate pink.....	.20	2.00	12.00
La Grandesse. Snow white.....	.20	2.00	12.00
La Victoire. Bright scarlet.....	.20	2.00	12.00
L'Innocence. Pure white.....	.20	2.00	12.00
Marconi. Red shaded white.....	.20	2.00	12.00
Moreno. Bright pink.....	.20	2.00	12.00
Perle Brillante. Light blue.....	.20	2.00	12.00
Queen of Pinks. Brilliant pink.....	.20	2.00	12.00
Queen of the Blues. Silvery blue.....	.20	2.00	12.00
Roi des Belges. Deep red.....	.20	2.00	12.00
Yellow Hammer. Pure yellow.....	.20	2.00	12.00

## SECOND SIZE SINGLE HYACINTHS

For bedding, the second size named Hyacinths are ideal, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

If wanted by Parcel Post, add 15c. per doz., 85c. per 100 for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow.....	\$0.15	\$1.50	\$9.50
Gertrude. Deep rose.....	.15	1.50	9.50
Gigantea. Flesh pink.....	.15	1.50	9.50
Grand Maitre. Bright porcelain blue.....	.15	1.50	9.50
King of Blues. Deep blue.....	.15	1.50	9.50
King of Yellows. Orange yellow.....	.15	1.50	9.50
Lady Derby. Delicate pink.....	.15	1.50	9.50
La Grandesse. Pure white.....	.15	1.50	9.50
La Victoire. Bright scarlet.....	.15	1.50	9.50
L'Innocence. Pure white.....	.15	1.50	9.50
Marconi. Red shaded white.....	.15	1.50	9.50
Moreno. Bright pink.....	.15	1.50	9.50
Nimrod. Deep rose.....	.15	1.50	9.50
Perle Brillante. Light blue.....	.15	1.50	9.50
Queen of Pinks. Brilliant pink.....	.15	1.50	9.50
Queen of the Blues. Silvery blue.....	.15	1.50	9.50
Roi des Belges. Deep red.....	.15	1.50	9.50
Yellow Hammer. Pure yellow.....	.15	1.50	9.50

# MICHELL'S SUPERB HYACINTHS

## NAMED EXHIBITION HYACINTHS

A selection of the largest possible bulbs to be obtained; we offer them in single varieties only.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
Gertrude. Deep rose	\$0.25	\$2.50	\$15.00
Grand Maitre. Porcelain blue	.25	2.50	15.00
King of Blues. Deep blue	.25	2.50	15.00
Lady Derby. Delicate pink	.25	2.50	15.00
La Grandesse. Snow white	.25	2.50	15.00
La Victoire. Bright scarlet	.25	2.50	15.00
Marconi. Red shaded white	.25	2.50	15.00
Perle Brilliante. Light blue	.25	2.50	15.00
Queen of Pinks. Brilliant pink	.25	2.50	15.00
Roi des Belges. Deep red	.25	2.50	15.00
Yellow Hammer. Pure yellow	.25	2.50	15.00

## DOUBLE FIRST SIZE HYACINTHS

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
Blocksberg. Light blue	\$0.20	\$2.00	\$12.00
Bouquet Tendre. Dark carmine	.20	2.00	12.00
Delicata. Pale blue	.20	2.00	12.00
Garrick. Blue, dark center	.20	2.00	12.00
Lord Wellington. Rich pink	.20	2.00	12.00
Prince of Waterloo. Pure white	.20	2.00	12.00
Sunflower. Pure yellow	.20	2.00	12.00



Miniature or Dutch Roman Hyacinths

## MINIATURE, OR DUTCH ROMAN HYACINTHS

Excellent for growing in pans, boxes or pots, blooming early and freely.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

	Each	Doz.	100	1000
Gertrude. Deep pink	\$0.10	\$0.85	\$5.50	\$50.00
Gigantea. Light pink	.10	.85	5.50	50.00
Grand Maitre. Bright blue	.10	.85	5.50	50.00
King of the Blues. Deep blue	.10	.85	5.50	50.00
Lady Derby. Delicate pink	.10	.85	5.50	50.00
La Grandesse. Pure white	.10	.85	5.50	50.00
La Victoire. Beautiful bright scarlet	.10	.85	5.50	50.00
L'Innocence. Pure white	.10	.85	5.50	50.00
Marconi. Bright red, shaded white	.10	.85	5.50	50.00
Nimrod. Clear pink	.10	.85	5.50	50.00
Perle Brilliante. Light blue	.10	.85	5.50	50.00
Roi des Belges. Fine deep crimson	.10	.85	5.50	50.00
Yellow Hammer. Pure yellow	.10	.85	5.50	50.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

## CHOICE BEDDING HYACINTHS (Unnamed) SINGLE AND DOUBLE FLOWERING

If wanted by Parcel Post, add 15c. per doz., 70c. per 100, for postage.

	Each	Doz.	100	1000
Deep Pink	\$0.12	\$1.00	\$6.25	\$52.50
Dark Red	.12	1.00	6.25	52.50
Pure White	.12	1.00	6.25	52.50
Light Blue	.12	1.00	6.25	52.50
Deep Blue	.12	1.00	6.25	52.50
Yellow	.12	1.00	6.25	52.50
Mixed. All colors	.12	1.00	6.25	52.50

## HYACINTH GLASSES

(Not Mailable)

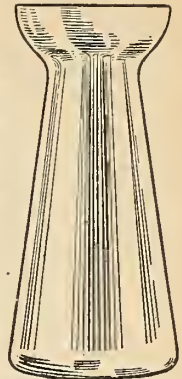
Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.

**Belgian.** In assorted colors. 40c. each; per doz., \$4.00.

**Tye or Low Pattern.** Heavier than the above style. 40c. each; doz., \$4.00.



Tye or Low Pattern



Belgian Style

## FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

Easily grown in pots or pans; if bulbs are potted in August or September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had, by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large for six bulbs. They are not hardy and are not suitable for outdoor planting.

If wanted by Parcel Post, add 15c. per doz., 70c. per 100, for postage.

	Each	Doz.	100	1000
White. Extra selected bulbs	\$0.20	\$2.25	\$16.00	\$150.00
Light Blue	.15	1.50	10.00	.....
Light Pink	.15	1.50	10.00	.....
White Italian	.15	1.50	10.00	.....

## CHRISTMAS FLOWERING DUTCH ROMAN HYACINTHS

These specially prepared Hyacinths are peculiarly adapted for pot culture and early flowering. Can be made to bloom just at holiday season.

If wanted by Parcel Post, add 15c. per doz., 70c. per 100, for postage.

	Each	Doz.	100	1000
Bismarck. Light sky blue	\$0.12	\$1.25	\$8.00	\$70.00
Garibaldi. Brilliant carmine	.12	1.25	8.00	70.00
Gertrude. Deep pink	.12	1.25	8.00	70.00
L'Innocence. Pure white	.12	1.25	8.00	70.00
Nimrod. Deep rose	.12	1.25	8.00	70.00
Yellow Hammer. Pure yellow	.12	1.25	8.00	70.00

Danbury, Conn.

I want to state that the bulbs I received from you were the finest I have ever bought, and you will receive another order from me soon.

H. P. S.

# MICHELL'S SUPERB LILY BULBS



## MICHELL'S EASTER LILY BULBS For Indoor Culture

**Cultural Note.**—In order to obtain best results, attention to the following directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time will stimulate the plant wonderfully. Thorough rooting is the most essential point.



### LILIAM HARRISH (The Bermuda Easter Lily)

	Each	Doz.	By Mail	100
6 to 7 inches circum.....	\$0.30	\$3.25	\$3.40	\$22.00
7 to 9 inches circum.....	.50	5.00	5.20	35.00
9 to 11 inches circum.....	.85	9.00	9.25	65.00
11 to 13 inches circum.....	1.50	15.00	15.30	85.00

### LILIAM FORMOSUM (The Formosa Easter Lily) Dark Stemmed Type

	Each	Doz.	By Mail	100
7 to 9 inches circum.....	\$0.40	\$4.00	\$4.20	\$30.00
8 to 10 inches circum.....	.50	5.00	5.20	37.50
9 to 10 inches circum.....	.60	6.00	6.25	45.00
10 to 12 inches circum.....	1.00	10.00	10.30	75.00

### LILIAM LONGIFLORUM GIGANTEUM (True)

	Each	Doz.	By Mail	100
7 to 9 inches circum.....	\$0.40	\$4.00	\$4.20	\$30.00
8 to 10 inches circum.....	.50	5.00	5.20	37.50
9 to 10 inches circum.....	.60	6.00	6.25	45.00
10 to 12 inches circum.....	1.00	10.00	10.30	75.00

### LILIAM LONGIFLORUM "AZORES"

A splendid strain, grown at the "Azores," producing strong, uniform flowers. Free from disease; an early bloomer.

	Each	Doz.	By Mail	100
7 to 9 inches circum.....	\$0.50	\$5.00	\$5.20	\$37.50

### REGALE LILY

(Lillium Myriophyllum)

Discovered not many years ago in the mountains of China, by Professor Wilson of the Arnold Arboretum of Boston, Mass. It is one of the most beautiful and satisfactory of all garden lilies; perfectly hardy. Of late years some private gardeners have adopted it as a forcing variety and it has more than made good. Color, pure waxy white, with a lemon yellow throat, with a trumpet about 6 inches long and when the flower is fully developed it is about 7 inches across. 75c. each; doz., \$8.00 (by mail, \$8.25); \$60.00 per 100.

### LILIAM CANDIDUM (Madonna Lily)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems, bearing anywhere from 10 to 30 blooms of good size and substance, and delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June.

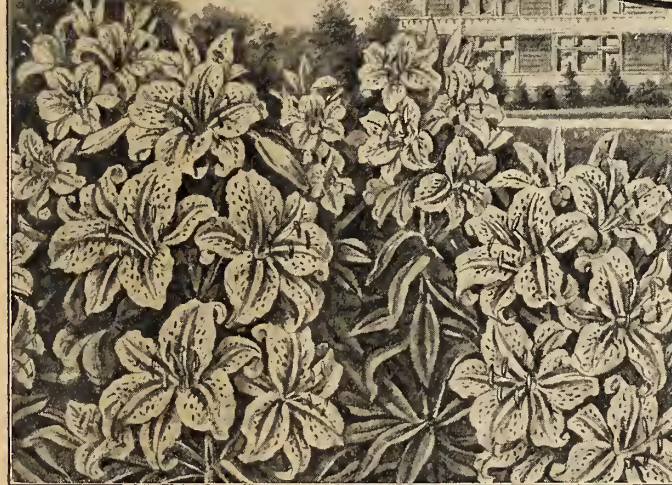
	Each	Doz.	By Mail	100
Large Bulbs.....	\$0.25	\$2.50	\$2.70	\$15.00
Mammoth Bulbs.....	.35	3.50	3.75	25.00
Monster Bulbs.....	.40	4.00	4.30	30.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oc)



# MICHELL'S HARDY GARDEN LILIES



**Speciosum Magnificum.** An enormous flower; rich deep pink, spotted crimson; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$25.00
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00

**Speciosum Melpomene.** Deep pink, spotted red.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$25.00
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00

**Speciosum Rubrum or Roseum.** Delicate pink, almost white, spotted red; one of the old garden favorites; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$25.00
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00
<b>Tigrinum Splendens (Tiger Lily).</b> Orange, spotted black; double.....	.30	3.00	22.50
<b>Tigrinum Splendens.</b> Single.....	.30	3.00	20.00

## MISCELLANEOUS JAPANESE LILIES

	Each	Doz.	100
<b>Batemanni.</b> Apricot colored; 3 feet; July...	\$0.45	\$4.00	
<b>Brownii.</b> White inside, outside brown...	.75	7.50	
<b>Hansonii.</b> Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster.....	.75	7.50	
<b>Henryi (Yellow Speciosum Lily).</b> Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion.....	.75	7.50	
<b>Krameri.</b> Blush pink; 3 feet; August...	.50	4.50	
<b>Macranthum.</b> Giant Golden Banded Lily...	.75	7.00	
<b>Wittei.</b> Very fragrant; white, yellow band...	1.00	11.00	

## AMERICAN OR NATIVE LILIES

	Each	Doz.	100
<b>Canadense (Canadian Bellflower Lily).</b> Bright yellow flowers, spotted black inside; June and July; 2 feet.....	\$0.20	\$2.00	\$15.00
<b>Canadense Rubrum.</b> Same type as above; crimson with black spots.....	.35	3.50	25.00
<b>Davuricum.</b> Upright scarlet flowers.....	.25	2.50	15.00
<b>Elegans Bicolor.</b> Bright red flushed.....	.50	5.00	35.00
<b>Elegans, Leonard Joerg.</b> Rich apricot pink	.35	3.50	20.00
<b>Superbum (Turk's Cap Lily).</b> Grows from 3 to 6 feet high and produces from 15 to 25 orange red flowers on a stalk.....	.25	2.50	15.00
<b>Tenuifolium (Coral Lily).</b> Brilliant scarlet	.25	2.50	15.00
<b>Wallacei.</b> Bright apricot.....	.35	3.50	22.50

**Cultural Directions.**—All Hardy Lilies should be planted from 6 to 8 inches deep, the Japan varieties even 12 inches deep; the bulbs should be completely enveloped in sand; no manure should come in contact with the bulbs, but may be placed 4 to 6 inches underneath. All loose petaled bulbs should be planted on their side instead of upright. Hardy Lilies are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lilies.

If Lily Bulbs are wanted by Parcel Post, add 30c. per doz. for postage.

## JAPANESE LILIES

**Auratum (Golden Banded Lily).** Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$25.00
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00

**Speciosum Album.** The best late flowering pure white hardy garden lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$25.00
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.25	37.50
Monster Bulbs, 10 to 12 inch circum.....	.60	6.50	45.00

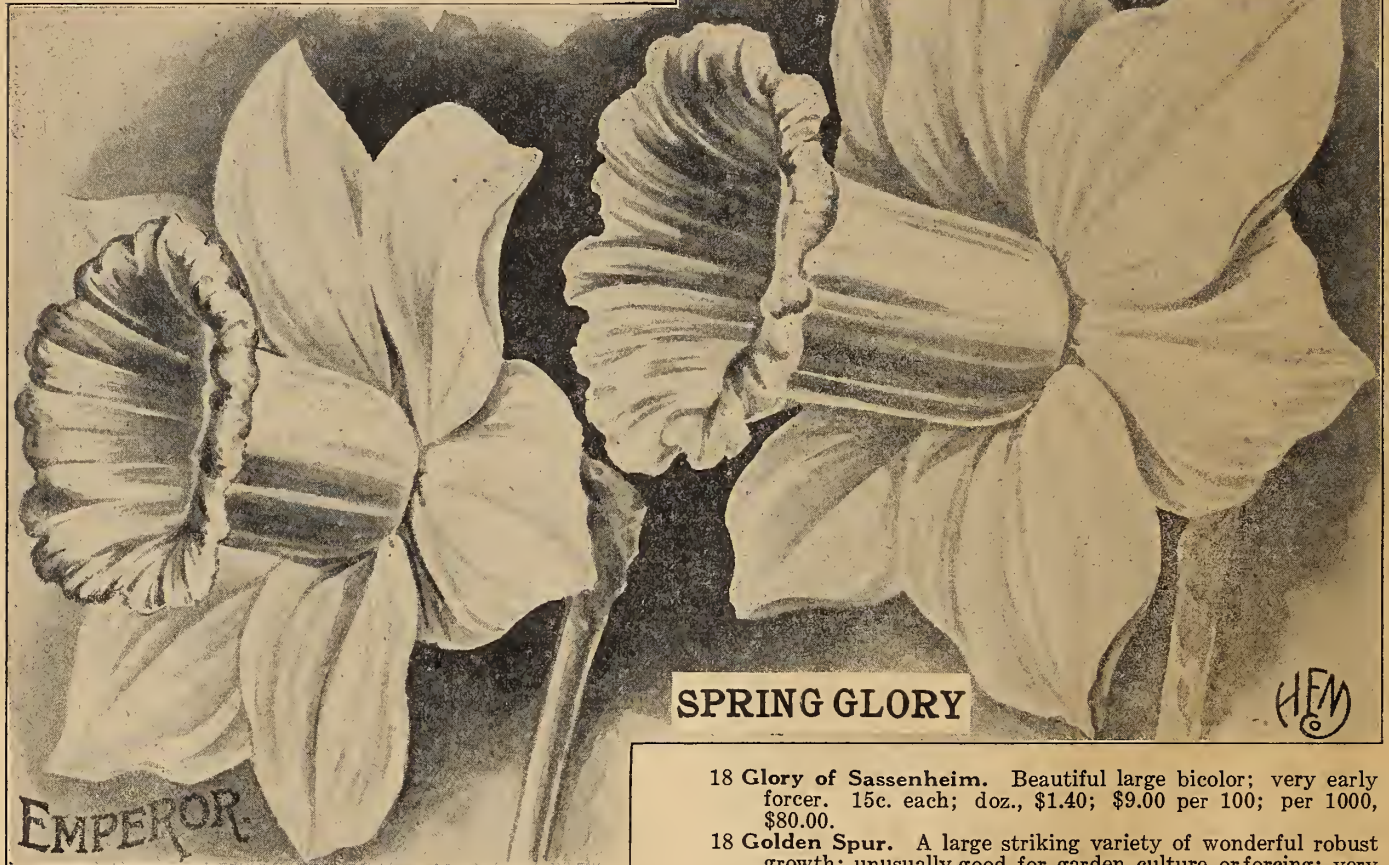
6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oc)

6 MICHELL'S SUPERB NARCISSUS or DAFFODILS

No garden is complete without the Narcissus or Daffodil, and they really deserve the foremost place among bulbous flowers. They are perfectly hardy and increase from year to year. As a house bulb in winter, they are indispensable and of the easiest culture.

**Culture.** Owing to the various sizes of the bulbs of different varieties, we cannot advisably give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house culture 3 or 4 bulbs can be put in a 5 inch or 6 inch pan or pot and given the same treatment as Hyacinths.



**GIANT TRUMPET VARIETIES**

The figures prefixed before the variety denotes the height.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

- 18 **Bicolor Victoria.** Trumpet golden yellow; perianth creamy white; early. Each Doz. 100 1000  
**First Size Bulbs** .....\$0.12 \$1.00 \$6.75 \$58.00  
**Monster Bulbs** ..... .15 1.25 9.25 85.00
- 16 **Cervantes.** A fine variety; very early; excellent for forcing; pale yellow trumpet. .... .15 1.25 9.25 85.00
- 18 **Emperor.** One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow. Each Doz. 100 1000  
**First Size Bulbs** .....\$0.12 \$1.00 \$6.75 \$58.00  
**Monster Bulbs** ..... .15 1.25 9.25 85.00
- 18 **Empress.** This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive. Each Doz. 100 1000  
**First Size Bulbs** .....\$0.12 \$1.00 \$6.75 \$58.00  
**Monster Bulbs** ..... .15 1.25 9.25 85.00
- 15 **Giant Princes.** Extensively used for naturalizing; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. (Large double-nosed bulbs.) 10c. each; doz., 85c.; \$5.25 per 100; per 1000, \$45.00.
- 14 **Glory of Leiden.** Immense flowers; long fluted trumpet, golden yellow; perianth petals very broad. Each, 12c.; \$1.10 per doz.; per 100, \$7.50; \$62.00 per 1000.

**SPRING GLORY**

- 18 **Glory of Sassenheim.** Beautiful large bicolor; very early forcer. 15c. each; doz., \$1.40; \$9.00 per 100; per 1000, \$80.00.
- 18 **Golden Spur.** A large striking variety of wonderful robust growth; unusually good for garden culture or forcing; very early and blooms freely; pure golden yellow.  

	Each	Doz.	100	1000
<b>First Size Bulbs (Dutch)</b> .....	\$0.12	\$1.00	\$6.75	\$58.00
<b>Monster Bulbs (Dutch)</b> .....	.15	1.25	9.25	85.00
<b>Golden Spur (Extra Early Forcing Strain). First Size Bulbs</b> .....	.12	1.10	7.00	65.00
- 18 **King Alfred.** The gigantic flowers are of intense golden yellow color; the trumpet is large and open with a deep frilled edge. 25c. each; doz., \$2.50; per 100, \$17.50.
- 16 **Madame de Graaff.** The best pure white trumpet daffodil. When it first comes into flower it shows creamy white, changing to pure white as the flower matures. Each, 12c.; \$1.10 per doz.; per 100, \$7.00; \$60.00 per 1000.
- 20 **Olympia.** A robust grower; flowers large; both trumpet and perianth yellow. 50c. each; doz., \$5.00; \$35.00 per 100.
- 15 **Sir Watkin (Giant Chalice Flower).** The flower is probably the largest in its class; for moderate forcing as well as bedding on a large scale; perianth lemon yellow, cup or crown deep yellow; very early. 12c. each; doz., \$1.25; \$8.00 per 100; per 1000, \$67.50.
- 16 **Spring Glory (New).** An extra fine variety; pure white perianth, with a golden yellow trumpet; very early and free flowering. 25c. each; doz., \$2.50; \$16.00 per 100.
- 15 **Trumpet Major.** One of the best varieties; trumpet and perianth deep golden yellow; very early. Dutch-grown bulbs for outdoors and forcing. 10c. each; doz., 85c.; \$5.25 per 100; per 1000, \$45.00.
- 16 **Van Waveren's Giant.** Claimed to be the largest of all Narcissus; perianth soft primrose yellow, with large, bright yellow trumpet; either for growing in pots or in the garden. Each, 60c.; \$6.00 per doz.; per 100, \$40.00.

# MICHELL'S CHOICE GARDEN NARCISSUS.



## MEDIUM TRUMPET NARCISSUS

These are also a popular type of the Narcissus or Daffodil family. Splendid for garden culture, also for growing indoors in pots or pans. The figures prefixed before the variety denote the height.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

- 20 **Barrii Conspicuus.** Broad, spreading perianth of pale yellow, darker yellow cup, edged scarlet; excellent for cutting. 10c. each; doz., 85c.; \$5.25 per 100; per 1000, \$47.50.
- 18 **Incomparabilis, Lucifer.** A very showy variety; perianth white, trumpet orange scarlet. Each, 10c.; 85c. per doz.; per 100, \$5.50; \$47.50 per 1000.
- 12 **Leedsii, Mrs. Langtry.** A very free flowering sort with pure white perianth and delicate primrose cup; good for pots; largely used for naturalizing. 10c. each; doz., 75c.; \$4.75 per 100; per 1000, \$40.00.

## THE OLD-FASHIONED POET'S NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types, used extensively for wild gardening and naturalizing. Quite fragrant and splendid for cut flowers.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

- 15 **King Edward VII.** An improved type, having magnificent large flowers with broad round petals of a glistening white; the yellow cup is edged deep red; very early flowering. 12c. each; doz., \$1.10; \$7.00 per 100; per 1000, \$65.00.
- 24 **Poetaz Elvira.** The blooms, which are pure white of remarkable substance with delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. Each, 12c.; \$1.10 per doz.; per 100, \$7.25; \$65.00 per 1000.
- 12 **Poeticus Ornatus.** A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; especially adapted for forcing; mid-season.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.07	\$0.60	\$3.50	\$27.00
Mammoth Bulbs.....	.08	.70	4.25	36.00

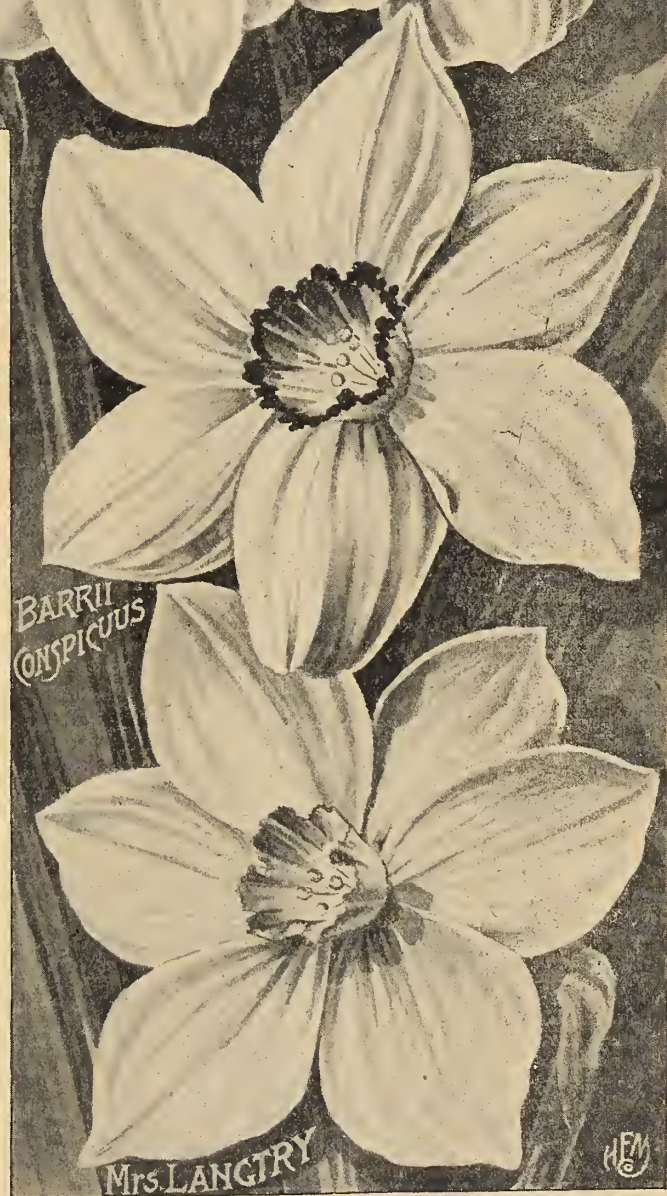
- 12 **Poeticus Recurvus.** Pure white perianth, cup deep orange red. Excellent for massing and naturalizing. 7c. each; doz., 65c.; \$4.00 per 100; per 1000, \$30.00.

## HARDY NARCISSUS IN MIXTURE

For massing in borders, fields, woods and, in fact, anywhere, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon the first season.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

	Doz.	100	1000
Single and Double. In mixture only.....	\$0.60	\$3.75	\$30.00



See third cover page for color plate of Trumpet Narcissus.

# MICHELL'S NARCISSUS FOR GROWING IN WATER



## POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, and are equally suited for growing in soil. The flowers are produced in clusters and are delightfully fragrant. Not suitable for outdoors.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

**Double Roman.** White perianth, with an orange and yellow suffused cup; very free flowering and early. 12c. each; per doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

**Gloriosa.** White perianth and orange yellow cup; very pretty. 12c. each; per doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

**Grand Monarque.** Large, broad white perianth with a primrose-yellow cup; a very striking flower. 12c. each; per doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

**Grand Primo.** Large white perianth with yellow cup. 12c. each; per doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

**Grand Soleil d'Or** (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety. 15c. each; per doz., \$1.60; \$12.00 per 100.

**Paper White Grandiflora.** This is quite a specialty with us; of it alone we import over two million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks' time.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.06	\$0.65	\$4.00	\$35.00
Mammoth Bulbs.....	.08	.75	5.00	45.00
Giant Bulbs.....	.10	1.00	7.00	60.00

**White Pearl.** A large pure white; very exquisite. 12c. each; per doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

## MAMMOTH FLOWERING CHINESE LILIES

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs and fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	Basket of 30 bulbs
Large Bulbs.....	\$0.15	\$1.65	\$3.75
Mammoth Bulbs.....	.20	2.25	5.00

## GOLDEN CHINESE LILY

The centre cup is deep yellow while the perianth is lighter. Treat the same as the regular Chinese Lily. Very fragrant.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

**Large Bulbs,** 15c. each; doz., \$1.60; \$12.00 per 100.  
**Pebbles for Chinese Lilies.** Carefully screened and selected. 10c. per qt.; 75c. per peck; bu., \$2.50; \$5.00 per bbl. sack. (Pebbles cannot be mailed.)

Please Note.—If Chinese Lilies are to be grown in water, they will flower more satisfactorily if not started until November 1st.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oc)

# MICHELL'S SUPERB DOUBLE NARCISSUS



## DOUBLE NARCISSUS

Many varieties of Double Narcissus can be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb or pan. We offer large bulbs only.

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

**Alba Plena Odorata.** A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils and is not desirable for forcing; height about 15 inches. 10c. each; per doz., 75c.; \$4.75 per 100; per 1000, \$40.00.

**Double Jonquils** (*Sweet Scented*). Pure golden yellow; deliciously fragrant. Clumps of these planted outdoors make a beautiful effect. Height, 12 inches. Per doz., 70c.; \$4.50 per 100; per 1000, \$37.50.

**Incomparable Double.** On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange, and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 10c. each; per doz., 85c.; \$5.25 per 100; per 1000, \$45.00.

**Orange Phoenix.** This is sometimes called "Eggs and Bacon." Light yellow, almost white, with an orange yellow center. It is splendid for forcing or pot culture. Height, 16 inches. 12c. each; per doz., \$1.00; \$6.75 per 100; per 1000, \$60.00.

**Sulphur, or Silver Phoenix.** Flowers very large; bluish-white, sulphur colored centre; excellent for forcing or outdoor planting. Height about 18 inches. 12c. each; per doz., \$1.00; \$6.75 per 100; per 1000, \$58.00.

**Von Sion** (*Telamonius Plenus*). The true double daffodil. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing.

	Each	Doz.	100	1000
First Size Bulbs	\$.08	\$0.75	\$4.50	\$38.00
Mammoth Size Bulbs	.12	1.00	6.00	52.50

**Monster Bulbs.** Produces three or more flowers per bulb. 15c. each; per doz., \$1.15; \$7.25 per 100; per 1000, \$65.00.

## SWEET SCENTED JONQUILS

These delightful flowers are especially graceful when grown in pans or pots, but do equally well outdoors. The slender foliage stalks enhance a most fragrant flower, borne in clusters of 2 to 4.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

**Campernelle Rugulosus.** Single yellow; larger than the plain Campernelle. Per doz., 75c.; \$5.00 per 100; per 1000, \$45.00.  
**Single.** Rich yellow; very fragrant; height 12 inches. Per doz., 60c.; \$3.50 per 100; per 1000, \$27.50.

**Double.** Flowers very double; deep golden-yellow; height 12 inches. Per doz., 70c.; \$4.50 per 100; per 1000, \$37.50.



MICHELL'S BULB GROWING GUIDE sent free on request

# MICHELL'S SINGLE

# EARLY TULIPS.



The Tulip is one of the most attractive and popular of spring blooming flowers for garden borders or for bedding. Most of the varieties being equally valuable for pot and pan culture indoors. The named varieties which we offer include some of the most beautiful and recently introduced sorts.

**CULTURAL DIRECTIONS.—For Bedding Out:** The bed should be formed of a compost similar to that recommended for Hyacinths. Plant the bulbs 4 inches apart and about 5 inches deep. They should be covered with litter before freezing weather.

**For Pot or Pan Culture.**—Plant about 4 bulbs in a 6-inch pot or 5 bulbs in a 6-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought in a moderately cool room and gradually warmer; by bringing in a fresh supply every ten days, they can be had in bloom all winter.

We have affixed in front of the varieties figures denoting the approximate height; also letters to indicate the comparative blooming time. V means very early; E means early; M means midseason.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

PINK VARIETIES		Doz.	100	1000
Inches High				
12E Flamingo.	Bright pink, shaded deeper	\$0.85	\$5.50	\$48.00
12E Pink Beauty.	Extra large; rich pink	1.25	8.25	75.00
8E Proserpine.	Glossy pink; forces early; excellent for bedding	1.20	7.75	70.00
8E Prosperity.	Rose pink	.75	4.75	40.00
10M Rose Luisante.	Deep pink; large flowers; for forcing and bedding	1.10	7.25	65.00

RED AND SCARLET VARIETIES		Doz.	100	1000
8M Artus.	Bright scarlet; for bedding	.65	3.75	32.00
8M Belle Alliance.	Brilliant scarlet; for either forcing or bedding	.85	5.25	45.00
12E Brilliant Star.	Brilliant scarlet	1.10	7.25	65.00
10M Couleur de Cardinal.	Bright scarlet; for forcing or bedding	1.00	6.75	60.00
10M Cramoise Brilliant.	Scarlet; good for bedding or forcing	.65	3.75	30.00
7V Duc Van Thol. Cochineal.	Rich vermilion; for forcing or bedding	.70	4.25	33.75
7V Duc Van Thol.	Scarlet	.70	4.25	37.50
10M McKinley.	Rose, shaded carmine	.75	4.75	40.00
12M Prince of Austria.	Orange scarlet; for either forcing or bedding	.85	5.25	45.00
10M Vermilion Brilliant.	The richest scarlet; for forcing or bedding	1.10	7.25	65.00

SINGLE EARLY TULIPS IN MIXTURE		Doz.	100	1000
Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.				
Superfine Quality, all colors		\$0.60	\$3.25	\$25.00

VARIEGATED OR TWO COLOR VARIETIES		Doz.	100	1000
Inches High				
11E Cardinal Rampollo.	Yellow, bordered orange	\$1.00	\$6.50	\$57.50
12M Duchess de Parma.	Orange scarlet, yellow border; for bedding	.85	5.25	45.00
12E Fred Moore.	Bright orange, shaded scarlet	.75	4.75	40.00
12M Keizerkroon.	Brilliant red, gold border; for forcing or bedding	1.00	6.50	57.50

VIOLET OR BLUE VARIETIES		Doz.	100	1000
9M Wouverman.	Purple violet	.75	4.75	40.00

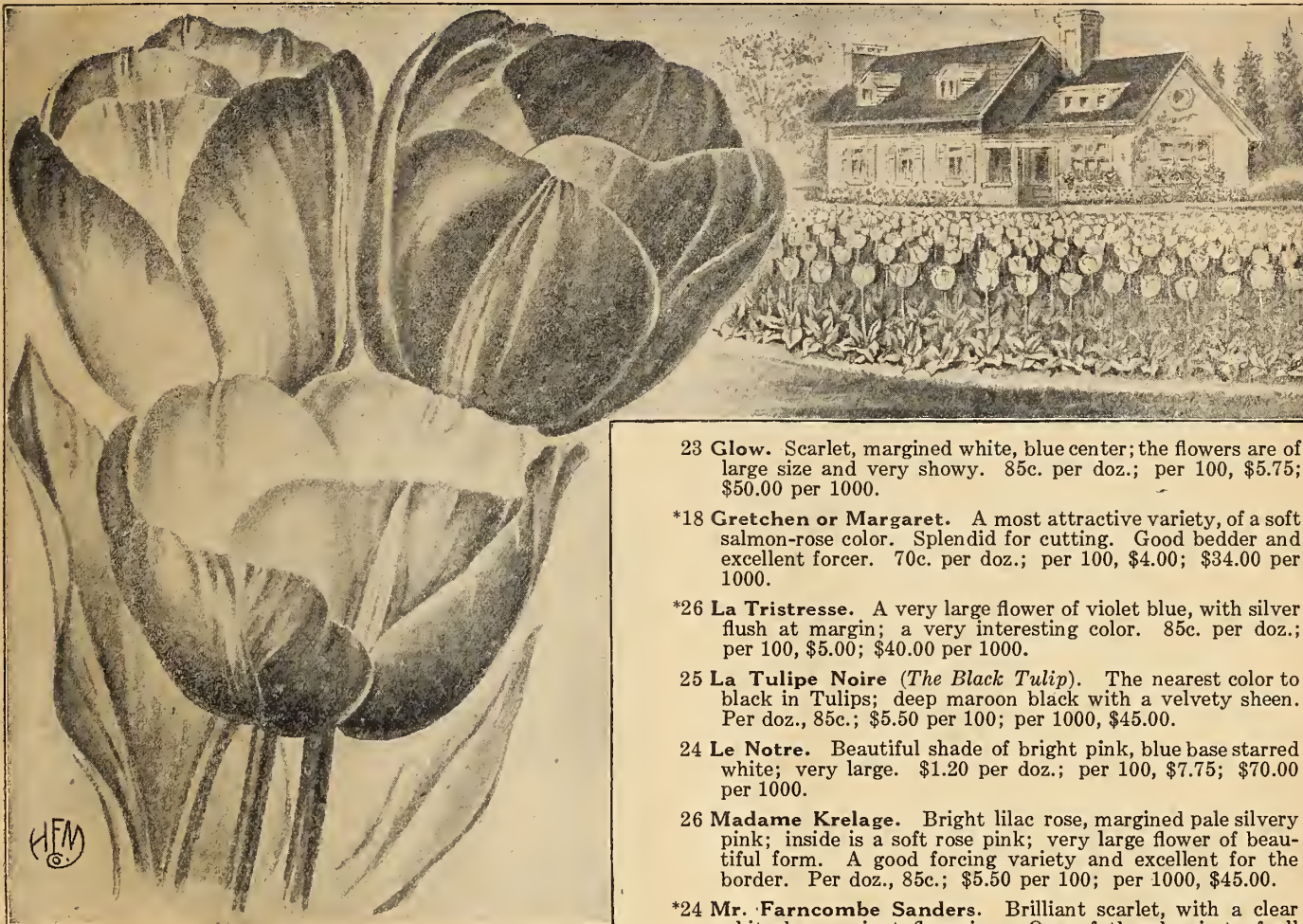
WHITE VARIETIES		Doz.	100	1000
9E Joost Van Vondel, White (Lady Boreel).	A real exhibition variety	.75	4.75	40.00
10M La Reine.	White, at times showing a delicate shade of pink	.60	3.50	27.00
12M White Hawk (Albion).	Pure white	.85	5.25	45.00

YELLOW VARIETIES		Doz.	100	1000
10M Chrysolora.	Golden yellow	.75	4.25	36.00
10M Herman Schlegel (Primrose Queen).	Pale yellow	.65	4.00	32.00
10M Mon Tresor.	Golden yellow	.75	4.75	40.00
8M Yellow Prince.	Golden yellow	.70	4.50	37.50

SINGLE UNNAMED TULIPS (For Bedding Only)		Doz.	100	1000
These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties.				
Pink, in all shades		\$0.60	\$3.25	\$24.00
Red and Scarlet, in all shades		.60	3.25	24.00
White, in all shades		.60	3.25	24.00
Yellow, in all shades		.60	3.25	24.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oc)



Darwin Tulips are more largely grown every year and considering the splendid form and exquisite coloring and the immense size of the numerous varieties it is not surprising that they have obtained great popularity. The color plate on the first and second covers of this catalog can give only a faint idea of their beauty. While they belong to the late blooming or May Flowering class, they are distinct in style of growth; the gigantic flower cups are borne on straight, stout stems which are far above a broad foliage. For massing, bedding or border planting the Darwins are hard to equal. For pot culture they are splendid and are just the ideal Tulip to grow for Easter; the varieties marked with an asterisk (\*) are best adapted for the latter purpose. The figures prefixed before the variety denotes the approximate height. Please note there is no yellow colored Darwins and for this the May-flowering Tulip, Inglescombe Yellow may be used.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

- 28 **Ariadne.** Enormous bold, cup shaped flowers of fiery, scarlet red. \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.
- 26 **Baronne de la Tonnaye.** Large flowers of a rose pink color, with white margin. 85c. per doz.; per 100, \$5.00; \$40.00 per 1000.
- \*14 **Bartigon.** Fiery red color, with pure white base; a very showy variety; grand forcer. \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.
- \*20 **Clara Butt.** Delicate salmon pink; its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.
- 24 **Faust.** Deep purple violet, with blue base; large and of fine form. \$1.00 per doz.; per 100, \$6.25; \$55.00 per 1000.
- 23 **Glow.** Scarlet, margined white, blue center; the flowers are of large size and very showy. 85c. per doz.; per 100, \$5.75; \$50.00 per 1000.
- \*18 **Gretchen or Margaret.** A most attractive variety, of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 70c. per doz.; per 100, \$4.00; \$34.00 per 1000.
- \*26 **La Tristesse.** A very large flower of violet blue, with silver flush at margin; a very interesting color. 85c. per doz.; per 100, \$5.00; \$40.00 per 1000.
- 25 **La Tulipe Noire (The Black Tulip).** The nearest color to black in Tulips; deep maroon black with a velvety sheen. Per doz., 85c.; \$5.50 per 100; per 1000, \$45.00.
- 24 **Le Notre.** Beautiful shade of bright pink, blue base starred white; very large. \$1.20 per doz.; per 100, \$7.75; \$70.00 per 1000.
- 26 **Madame Krelage.** Bright lilac rose, margined pale silvery pink; inside is a soft rose pink; very large flower of beautiful form. A good forcing variety and excellent for the border. Per doz., 85c.; \$5.50 per 100; per 1000, \$45.00.
- \*24 **Mr. Farncombe Sanders.** Brilliant scarlet, with a clear white base; giant flowering. One of the showiest of all Darwins; good forcer. 85c. per doz.; per 100, \$5.50; \$45.00 per 1000.
- 28 **Mrs. Potter Palmer.** Rich glowing purple, a very distinct and striking color. Excellent for border planting. 70c. per doz.; per 100, \$4.50; \$37.50 per 1000.
- 26 **Petrus Hondius.** Bright carmine rose, with dull blue base starred white. \$1.10 per doz.; per 100, \$7.25; \$65.00 per 1000.
- \*24 **Phillippe de Commines.** Rich, deep purple; one of the best dark sorts. 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- \*24 **Pride of Haarlem.** Brilliant rosy carmine. This is one of the most popular varieties of Darwins. The size of the flowers is immense having usually more than six petals, giving them the appearance of Double Tulips. A favorite for bedding and forcing. 70c. per doz.; per 100, \$4.00; \$33.00 per 1000.
- \*22 **Princess Elizabeth.** Beautiful rose color, with light border; especially adapted for forcing. \$1.25 per doz.; per 100, \$8.00; \$70.00 per 1000.
- 24 **Prof. Rauwenhoff.** Bright cherry rose, white and blue star at base; flowers large. \$1.00 per doz.; per 100, \$6.75; \$60.00 per 1000.
- \*26 **Psyche.** Large bold flowers; rosy pink outside, inside silvery rose, with pale blue base. 75c. per doz.; per 100, \$4.25; \$37.50 per 1000.
- \*20 **Rev. H. Ewbank.** Light heliotrope, shaded lavender. Rather dwarf variety; a splendid bedder; also stands forcing splendidly and produces large flowers of a very pleasing color. 70c. per doz.; per 100, \$4.00; \$33.00 per 1000.

See next page for other varieties of Darwin Tulips.

# MICHELL'S SUPERB TULIP BULBS

## DARWIN TULIPS—Continued

If wanted by Parcel Post, add 15c. per doz. 30c., per 100, for postage.

- 20 **Sultan.** Very dark maroon, almost black; undoubtedly the best of the dark varieties. The strong stems hold the flowers erect and make it an excellent bedder. 75c. per doz.; per 100, \$4.25; \$37.50 per 1000.
- \*25 **Suzon.** Large bold flowers of soft, salmon rose color, margined with white; a strong grower. 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- 24 **Wally Moes.** Large flowering; color, soft silvery heliotrope. \$1.20 per doz.; per 100, \$6.75; \$60.00 per 1000.

- \*24 **W. Copeland.** One of the best early forcing varieties; color delicate lavender. 85c. per doz.; per 100, \$5.50; \$48.00 per 1000.
- 22 **White Queen.** Can be called the only white Darwin. It opens rosy white, but passes off pure white. One of the most popular varieties. 75c. per doz.; per 100, \$5.00; \$42.50 per 1000.
- \*24 **Wm. Pitt.** Dark crimson, shaded purple; good forcer; fine for cutting. \$1.20 per doz.; per 100, \$8.00; \$75.00 per 1000.
- Darwin Mixed.** A great variety of colors and shades. 60c. per doz.; per 100, \$3.50; \$28.00 per 1000.

The varieties marked with an asterisk (\*), are the most adapted for forcing. The figures prefixed before the variety denotes the approximate height.

## DUTCH BREEDER TULIPS

(See Color Plate Opposite)

This old fashioned type has come into prominence very much of late years. They are similar to the Darwins in their tall, strong growth. The flowers are extra large and run principally in purple, bronze, terra-cotta and orange brown shades. They make a fine effect in hardy borders and when used as a cut flower last a long while in water.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

- 24 **Abdel Kader.** Dark bronze, shading to light bronze at edge of petals; a good sized flower. \$1.25 per doz.; per 100, \$9.00; \$80.00 per 1000.
- 25 **Afterglow.** Apricot orange, yellow border, inside orange with lemon base. \$1.75 per doz.; per 100, \$12.00; \$100.00 per 1000.
- 25 **Apricot.** Apricot orange with yellow border, olive green base. \$1.20 per doz.; per 100, \$6.75; \$60.00 per 1000.
- 24 **Aspasia.** Wine red, centre white, shaded purple. 90c. per doz.; per 100, \$6.00; per 1000, \$52.50.
- 24 **Bronze Queen.** Soft buff, inside tinged golden bronze. This variety may be forced. 75c. per doz.; per 100, \$5.00; per 1000, \$40.00.
- 28 **Cardinal Manning.** Dull wine red, flushed rosy brown; changing to almost orange at edges of petals. \$1.00 per doz.; per 100, \$5.50; \$48.00 per 1000.
- 24 **Copernicus.** Bronzy brown, with flush of old rose, inside brown with yellow base; a splendid large flower. \$1.25 per doz.; per 100, \$7.00; \$62.50 per 1000.
- 24 **Dom Pedro.** A beautiful shade of coffee brown, shaded maroon, inside rich mahogany, large and beautiful; can be forced. \$1.20 per doz.; per 100, \$6.75; \$60.00 per 1000.
- 25 **General Ney.** Old gold with olive base; large flower. 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- 24 **Godet Parfait.** Bright purple violet, with white base and blue halo; very large flower. \$1.20 per doz.; per 100, \$8.00; \$75.00 per 1000.
- 21 **Jaune d'Oeuf.** Outside orange red, inside orange with dark base and anthers; good forcer. 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- 25 **La Harpe.** Bluish violet. \$1.25 per doz.; per 100, \$7.50; \$65.00 per 1000.
- 24 **Louis XIV.** Dark purple, flushed bronze, with broad margin of golden brown; a unique variety of striking beauty. 30c. each; per doz., \$3.00; \$22.50 per 100.
- 24 **MacMahon (Turenne).** Purplish brown with broad margin of soft yellow; one of the largest of all. \$1.00 per doz.; per 100, \$6.75; \$60.00 per 1000.
- 24 **Panorama (Fairy).** Reddish mahogany with bronze shading; an extra large flower; good forcer. 90c. per doz.; per 100, \$6.00; \$50.00 per 1000.
- 24 **Prince of Orange.** Orange scarlet, edged light yellow; a very striking variety. \$1.10 per doz.; per 100, \$6.50; \$60.00 per 1000.
- 24 **Yellow Perfection.** Light bronze yellow, edged and shaded golden yellow; a large flower of fine form; can be forced. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- Breeder Tulips Mixed.** A choice mixture of many varieties. 75c. per doz.; per 100, \$4.00; \$32.00 per 1000.



Rembrandt Tulips

## REMBRANDT TULIPS

This type comprises a strain of variegated Darwin tulips frequently referred to as broken Darwin or Rembrandt varieties. They resemble the former with the exception of variation as to colors; they possess splendid decorative value. The stems average 18 to 22 inches in height. Rembrandt tulips cannot be forced.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

	Doz.	100	1000
<b>Bougainville.</b> Amaranth blue, striped white.....	\$0.90	\$6.00	\$50.00
<b>Red Prince.</b> Rose, flamed fiery scarlet.....	.90	6.00	50.00
<b>Salome.</b> Carmine rose with white markings.....	.90	6.00	50.00
<b>Semele.</b> White, heavily striped and feathered vivid rosy pink.....	.90	6.00	50.00

### TESTIMONIAL

Last fall I purchased from you a lot of assorted Tulip and Daffodil bulbs, and just at this time I cannot help but write to tell you how well they turned out and the magnificent display they made.

Mrs. W. F. T.



# MICHELL'S BREEDER TULIPS



	Dozen	100
1—Prince of Orange . .	\$1.10	\$6.50
2—La Harpe . . . . .	1.25	7.50
3—Afterglow . . . . .	1.75	12.00
4—Copernicus . . . . .	1.25	7.00
5—Cardinal Manning .	1.00	5.50

*Refer to index for other varieties*

If wanted by Parcel Post, add 15c per doz.,  
30c per 100, for postage.

# 12A MICHELL'S LATE OR MAY-FLOWERING TULIPS

The figures prefixed before the variety denotes the approximate height.

## COTTAGE GARDEN OR LATE TULIPS

(See Color Plate Opposite)

Nothing in horticulture has received so much comment in late years as the late flowering tulips. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing in perennial border or planting in clumps they are ideal. They are also very desirable as cut flowers.

(All single except where noted.)

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

- 20 **Aurora.** Orange yellow; an extra fine variety. \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.
- 19 **Blue Flag (Double).** A very pretty shade of violet blue; very odd. 75c. per doz.; per 100, \$4.25; \$36.00 per 1000.
- 20 **Fairy Queen.** Rosy heliotrope, broadly margined yellow, a unique and lovely color; flowers very large. 65c. per doz.; per 100, \$4.00; \$30.00 per 1000.
- 24 **Gesneriana Lutea.** One of the best of the Gesneriana family; perfect shaped flowers of purest golden yellow. 75c. per doz.; per 100, \$4.25; \$36.00 per 1000.
- 24 **Gesneriana Spathulata.** A brilliant scarlet with blue-black centre; one of the finest late varieties. 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.
- 18 **Golden Crown.** Flowers very large; color, rich yellow with a narrow border of red. 75c. per doz.; per 100, \$4.25; \$36.00 per 1000.
- 22 **Inglescombe Pink.** A beautiful salmon rose; a most attractive variety in form and coloring. 75c. per doz.; per 100, \$4.25; \$35.00 per 1000.
- 20 **Inglescombe Scarlet.** Brilliant vermilion with black centre; a charming variety. 75c. per doz.; per 100, \$4.25; \$36.00 per 1000.
- 22 **Inglescombe Yellow.** Greatly resembles the Darwin's and is often called the "Yellow Darwin;" flowers are beautifully formed. 75c. per doz.; per 100, \$4.25; \$35.00 per 1000.
- 18 **John Ruskin.** Apricot orange with border of canary yellow; large flowers of fine form. 85c. per doz.; per 100, \$5.50; \$48.00 per 1000.



May Flowering or Cottage Garden Tulips

- 24 **Moonlight.** An exquisite shade of light canary yellow; flower long and of fine oval shape. 80c. per doz.; per 100, \$5.00; \$42.00 per 1000.
  - 24 **Mrs. Moon.** Large orange yellow; reflexed pointed petals; one of the most beautiful varieties. \$1.00 per doz.; per 100, \$6.50; \$57.50 per 1000.
  - 20 **Picotee (Maiden's Blush).** White with distinct pink edged border, which suffuses the flower as it ages. 75c. per doz.; per 100, \$4.25; \$36.00 per 1000.
  - 20 **Rosetta.** Carmine pink; an excellent and attractive variety. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
  - 15 **Royal White.** Flower is very large; pure white with light yellow centre; a fine variety. \$1.00 per doz.; per 100, \$6.25; \$55.00 per 1000.
  - 12 **Sarah Bernhardt (Hobbema or Le Reve).** Exquisite soft rose, shaded apricot; a delightful combination. \$1.10 per doz.; per 100, \$7.25; \$65.00 per 1000.
- May Flowering Tulips (Single).** A splendid mixture, covering almost every color and shade. 60c. per doz.; per 100, \$3.25; \$26.00 per 1000.



Parrot or Dragon Tulips

## PARROT OR DRAGON TULIPS

These are curiously curled and crested. They are fine for bedding and border planting, also useful as a cut flower, keeping well for some time when placed in water.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

	Doz.	100	1000
<b>Constantinople.</b> Orange scarlet, with black markings in center	\$0.70	\$4.00	\$32.50
<b>Lutea Major.</b> Very large; bright yellow	.70	4.00	32.50
<b>Markgraaf of Baden.</b> Large yellow, striped scarlet and green	.70	4.00	32.50
<b>Mixed Colors.</b> This mixture is carefully blended and contains only the choicest sorts	.60	3.50	27.50

# MICHELL'S MAY FLOWERING TULIPS



	Dozen	100	1000
1—Aurora . . . . .	\$1.00	\$6.00	\$50.00
2—Fairy Queen . .	.65	4.00	30.00
3—Inglescombe Yellow	.75	4.25	35.00
4—Rosetta . . . . .	.85	5.25	45.00
5—Inglescombe Pink	.75	4.25	35.00
6—Gesneriana Spath.	.70	4.00	32.50

*Refer to index for other varieties*

If wanted by Parcel Post, add 15c per doz.,  
30c per 100, for postage.



# MICHELL'S DOUBLE

# EARLY TULIPS

Double Tulips are used very extensively for forcing, but are equally valuable for bedding purposes. They remain in flower longer than do the single sorts on account of their substance, although they do not make quite as fine a show. They should not be planted in beds with single tulips, as they do not bloom as early as the single sorts. The figures prefixed before the variety denotes the approximate height.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

10 <b>Boule de Neige.</b> Large pure white; resembles a Paeony in form; excellent for bedding or forcing . . . . .	100	1000	
	\$0.85	\$5.50	\$48.00
10 <b>Couronne des Roses.</b> Deep rose; extra fine for forcing . . . . .	.85	5.50	48.00
12 <b>Couronne d'Or.</b> A handsome rich yellow variety; grand forcer . . . . .	.85	5.25	45.00
9 <b>Gloria Solis.</b> Red, bordered yellow; good for bedding . . . . .	.75	4.75	40.00
10 <b>Imperator Rubrorum.</b> Brilliant scarlet; especially adapted to forcing, also fine for bedding . . . . .	1.00	6.00	55.00
12 <b>Le Matador.</b> Brilliant scarlet; splendid forcer or bedder . . . . .	.75	5.25	45.00
14 <b>Lucretia.</b> Deep pink; extra fine forcer . . . . .	.75	4.75	40.00
10 <b>Mr. Van der Hoef (Yellow Murillo).</b> Pure yellow . . . . .	1.00	6.25	57.50
7 <b>Murillo.</b> A very large pink sort, suffused with white; one of the best forcers . . . . .	.65	4.00	32.00
8 <b>Rubra Maxima.</b> Dazzling scarlet; good bedder and splendid early forcer . . . . .	.75	4.75	40.00
10 <b>Salvator Rosa.</b> Beautiful deep rose; for forcing or bedding . . . . .	.85	5.75	50.00
12 <b>Schoonoord (White Murillo).</b> Pure white . . . . .	.80	5.50	47.50
12 <b>Tea Rose.</b> Sulphur, shading to orange; for bedding or forcing . . . . .	.75	4.75	40.00
8 <b>Toreador.</b> A handsome rich orange; excellent for bedding or forcing . . . . .	1.20	7.75	70.00
8 <b>Tournesol, Red and Yellow.</b> For forcing and bedding . . . . .	.85	5.75	50.00
12 <b>Vuurbaak.</b> Orange scarlet; for forcing or bedding . . . . .	1.00	6.75	60.00

## EARLY DOUBLE MIXED TULIPS (For Bedding Only)

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture will produce a grand array of colors.

Superfine Quality. All colors . . . . .	Doz.	100	1000
	\$0.60	\$3.25	\$25.00

## DOUBLE UNNAMED TULIPS (For Bedding Only)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. At the low price offered anyone can afford them and thus avoid mixtures.

	Doz.	100	1000
Pink, in all shades . . . . .	\$0.60	\$3.25	\$24.00
Red and Scarlet, in all shades . . . . .	.60	3.25	24.00
White, in all shades . . . . .	.60	3.25	24.00
Yellow, in all shades . . . . .	.60	3.25	24.00

## NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS AT DISTANCES NOTED BELOW

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

### DISTANCES FOR PLANTING APART

Diam. of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
2 feet . . . . .	61	37	19	....	....	....
3 " . . . . .	127	95	37	....	....	....
4 " . . . . .	217	127	61	37	24	19
5 " . . . . .	331	225	91	69	37	25
6 " . . . . .	469	271	127	78	52	37
7 " . . . . .	631	410	169	96	71	48
8 " . . . . .	817	469	217	127	85	61
9 " . . . . .	1027	650	271	156	110	74
10 " . . . . .	1261	721	331	190	127	91
11 " . . . . .	1519	940	397	240	150	110
12 " . . . . .	1801	1027	469	271	169	127
13 " . . . . .	2107	1280	543	318	200	150
14 " . . . . .	2437	1387	631	360	240	169
15 " . . . . .	2791	1670	721	420	271	200
16 " . . . . .	3169	1801	817	469	318	217
17 " . . . . .	3571	2140	919	543	360	240
18 " . . . . .	4037	2269	1027	590	390	271
19 " . . . . .	4187	2640	1141	631	420	318
20 " . . . . .	4961	2791	1261	721	469	331
21 " . . . . .	5459	3210	1387	785	540	360
22 " . . . . .	6981	3367	1519	817	590	397
23 " . . . . .	7527	3870	1659	945	625	420
24 " . . . . .	8097	4037	1801	1027	670	469
25 " . . . . .	8691	4325	1951	1165	721	590



*Amaryllis, Hybrids of Vittata*

**AMARYLLIS (Ready in October)**

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

**Cultural Directions.**—Place bulbs in live moss, only moderately moist, near window of a warm room. When the first sign of growth appears through the top, get a six-inch pot and be ready to pot them up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Water moderately at first, but increase as growth increases, then place in a warm, light room near the window.

**Belladonna.** A beautiful bright pink. 50c. each; doz., \$5.00 (by mail, \$5.25).

**Formosissima.** Crimson. 25c. each; doz., \$2.50 (by mail, \$2.65).

**Hippeastrum Equestre.** A garden species, producing large, bright red flowers. 60c. each; doz., \$5.00 (by mail, \$5.50).

**Hybrids of Vittata.** The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers as well as in the diversity of colors and markings all former hybrids; flowers striped and flaked. \$1.00 each (by mail, \$1.10); doz., \$11.00 (by mail, \$11.50).



*Anemones*

**ANEMONE (Windflower)**

An excellent decorative plant for house or garden and fine for cutting. If planted outdoors in the fall, they must be well protected with leaves or other litter. They are also well adapted for growing in conservatories or cold frames.

**Coronaria.** Single French varieties in mixed colors. 85c. per doz.; per 100, \$4.50; \$37.50 per 1000.



*Aconite*

**ACONITE, WINTER (Eranthis Hyemalis)**

A very early spring flowering bulb, producing golden yellow flowers. Prefers a moist, shady location; perfectly hardy; height about 6 inches. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.

**TESTIMONIAL**

Orange, Texas, May 26, 1924.

Gentlemen:

Please duplicate last year's order for Bulbs. Must add that your Bulbs last season were very fine.

G. F. G.

# MICHELL'S MISCELLANEOUS BULBS For Winter and Spring Flowering

## BEGONIAS (Tuberous Rooted)

(Ready in January)

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then.

If wanted by Parcel Post, add 25c. per doz., 40c. per 100, for postage. Single bulbs mailed free.

### SINGLE BEGONIAS

	Each	Doz.	100		Each	Doz.	100
Crimson...	\$0.35	\$3.75	\$27.50	Scarlet....	\$0.35	\$3.75	\$27.50
Orange....	.35	3.75	27.50	White....	.35	3.75	27.50
Pink.....	.35	3.75	27.50	Yellow....	.35	3.75	27.50
Salmon....	.35	3.75	27.50	Mixed....	.35	3.75	27.50

### DOUBLE BEGONIAS

	Each	Doz.	100		Each	Doz.	100
Crimson...	\$0.40	\$4.50	\$32.50	Scarlet....	\$0.40	\$4.50	\$32.50
Orange....	.40	4.50	32.50	White....	.40	4.50	32.50
Pink.....	.40	4.50	32.50	Yellow....	.40	4.50	32.50
Salmon....	.40	4.50	32.50	Mixed....	.40	4.50	32.50

### BEGONIA, CRISPA

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange....	\$0.40	\$4.50	\$32.50	White....	\$0.40	\$4.50	\$32.50
Pink.....	.40	4.50	32.50	Yellow....	.40	4.50	32.50
Rose.....	.40	4.50	32.50	Mixed....	.40	4.50	32.50
Scarlet....	.40	4.50	32.50				

### CALLA LILY BULBS

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

#### GODFREY DWARF EVERBLOOMING CALLA

This comparatively new calla has proven an excellent one; its character is exactly like the Æthiopica or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Mammoth bulbs, 35c. each; doz., \$3.50 (by parcel post, \$3.65); \$25.00 per 100.

#### CALLA ÆTHIOPICA

If wanted by Parcel Post, add 10% for postage.

	Each	Doz.	100
White, Monster Size, 2 to 2½ in. diam...	\$0.75	\$7.50	\$50.00
White, Mammoth Size, 1¾ to 2 in. diam...	.45	4.50	30.00
White, Medium Size, 1½ to 1¾ in. diam...	.35	3.50	20.00
White, First Size, 1¼ to 1½ in. diam.....	.25	2.50	15.00



Tuberous Rooted Begonias, Single and Double

### CALLA LILY BULBS -Continued

#### YELLOW CALLA (Elliottiana)

(Ready in October)

The rich, golden yellow flowers are large and massive. First Size Bulbs. 25c. each; doz., \$2.50 (by parcel post, \$2.65); \$17.50 per 100. Mammoth Bulbs. 35c. each; doz., \$3.50 (by parcel post, \$3.70); \$25.00 per 100.

#### SPOTTED CALLAS (Ready in October)

Flowers white, foliage green spotted white. 30c. each; doz., \$2.75; \$20.00 per 100.





CHIONODOXA (See next page)



Crown Imperial

**CROWN IMPERIAL**  
(*Fritillaria Imperialis*)

A majestic plant, producing early in spring, stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. Ideal for planting in hardy borders.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
Aurora. Orange red.....	\$0.35	\$3.00	\$20.00
Crown Upon Crown. Orange red.....	.35	3.00	20.00
Lutea. Yellow.....	.35	3.00	20.00
Mixed Colors.....	.30	2.50	15.00
Meleagris. Very Fine Mixed. Dwarf spring flowering plants, with large pendant bell-shaped flowers. Excellent for pot culture and valuable for large groups in the garden border.....	.10	.85	6.00

**DIELYTRA or DICENTRA**  
(*Bleeding Heart or Seal Flower*)

*Spectabilis*. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. Its long sprays of graceful heart-shaped flowers are always attractive. 50c. each; per doz., \$5.00.



Michell's Giant Named Crocus

**CROCUS**

One of the earliest flowers to bloom in spring; most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective.

An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot, this gives a very pretty effect.

The Giant Flowering varieties are also splendid for flowering in pots, but too severe forcing must not be attempted.

If wanted by Parcel Post, add 15c. per 100 for postage.

**GIANT NAMED CROCUS**

The bulbs of these varieties are very large and each bulb is capable of producing several flowers of large size.

	Doz.	100	1000
Baron Von Brunow. Deep blue.....	\$0.30	\$1.75	\$12.00
Cloth of Gold. Rich yellow, brown veins..	.35	2.00	16.00
Cloth of Silver. Silvery white, striped lilac..	.35	2.00	16.00
King of the Blues. Purple.....	.30	1.75	12.00
Mont Blanc. Pure white.....	.30	1.75	12.00
Sir Walter Scott. White, striped lilac....	.30	1.75	12.00
Giant Named Mixed.....	.30	1.75	12.00

**MIXED CROCUS IN SEPARATE COLORS**

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple.....	\$0.20	\$1.10	\$8.00
Striped.....	.20	1.10	8.00
White.....	.20	1.10	8.00
Yellow.....	.30	1.75	12.00
Yellow. Mammoth size.....	.40	2.00	15.00
Yellow. Giant size.....	.50	2.50	20.00
Mixed. All colors.....	.20	1.10	8.00



Purity Freesia

**FREESIA "PURITY"**

This grand type supersedes all the old varieties of Freesias. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

If wanted by Parcel Post, add 10c. per 100 for postage.

	Doz.	100	1000
First Size Bulbs.....	\$0.40	\$2.00	\$15.00
Mammoth Size Bulbs.....	.65	3.75	30.00
Monster Size Bulbs.....	1.00	6.50	55.00
Jumbo Bulbs.....	1.25	7.50	70.00

**NEW NAMED COLORED FREESIAS**

The colored Freesias are becoming very popular on account of their unique colorings and shadings.

	Doz.	100
<b>Aurora.</b> Yellow, suffused orange.....	\$1.00	\$6.50
<b>California.</b> Bright golden yellow.....	1.00	6.50
<b>Carmencita.</b> Orange salmon, buff shading on lower petals.....	1.00	6.50
<b>Carrie Budan.</b> Lavender pink.....	1.00	6.50
<b>Illena.</b> Deep rosy lavender with white throat, orange blotch on lower petal.....	1.00	6.50
<b>June Michelsen.</b> Deep rose pink, with white throat, lower petals veined crimson.....	1.25	8.00
<b>Olivette.</b> Carmine red with yellow throat.....	1.00	6.50

**OTHER COLORED FREESIAS**

	Doz.	100
<b>General Pershing.</b> Bronzy pink.....	\$0.75	\$5.00
<b>Orange</b> .....	1.00	6.50
<b>Red</b> .....	1.00	6.50
<b>Splendens.</b> Lavender.....	1.00	6.50
<b>Yellow</b> .....	1.00	6.50
<b>Rainbow Mixture</b> .....	.65	3.75

**GLADIOLUS (For Forcing)**

(Ready in November)

List and prices upon application.



Chionodoxa

**CHIONODOXA (Glory of the Snow)**

An early flowering spring bulb for borders or rockery, also for massing on a lawn like crocus. Height about 6 inches.

If wanted by Parcel Post, add 10c. per 100 for postage.

	Doz.	100	1000
<b>Lucilaea.</b> Bright blue with white center.....	\$0.60	\$3.50	\$30.00
<b>Sardensis.</b> Very deep blue with white center.....	.60	3.50	30.00



Gloxinias

**GLOXINIAS**

(Ready in January)

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th.

If wanted by Parcel Post, add 25c. per doz., 40c. per 100, for postage. Single bulbs mailed free.

	Each	Doz.	100
<b>Finest Varieties in Mixture</b> .....	\$0.40	\$4.50	\$30.00





Grape Hyacinths

**GRAPE HYACINTHS (Muscari)**

A charming bulb for the hardy garden, where they may remain undisturbed for years. Blooms outdoors during April and May. Also excellent for pot culture.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Botryoides Albus. White.....	\$0.65	\$3.50	\$30.00
" Heavenly Blue. Sky blue....	.60	3.25	25.00



Iris

**IXIAS**

A charming little stove and conservatory bulb; it may also be planted outdoors if put in a protected position with plenty of covering during the winter, and in well drained soil.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Scarlet .....	\$0.75	\$4.25	\$37.50
Extra Fine Mixture.....	.60	3.25	25.00



A Bunch of Spanish Iris

**SPANISH IRIS (Iris Hispanica)**  
(Ready in September)

Graceful, slender stems, with loose but beautiful flowers, the charming colors producing a combination not surpassed by an orchid. The finest effects are produced when planted in clumps in the perennial border; flowering period May and early June. They are also excellent for growing in pots indoors. **Mammoth Bulbs.**

If Iris is wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Alex. Von Humboldt. Light blue.....	\$1.00	\$6.50	\$55.00
Belle Chinoise. Deep yellow.....	1.00	6.50	55.00
Cajanus. Canary yellow, orange blotches.....	1.00	6.50	55.00
Darling. Bright dark blue.....	1.00	6.50	55.00
Emperor of West. Extra fine blue.....	1.00	6.50	55.00
King of the Blues. Deep purplish blue.....	1.00	6.50	55.00
Reconnaissance. Bronze.....	1.00	6.50	55.00
Snowball. White, tinged sky blue at base.....	1.00	6.50	55.00

**DUTCH IRIS (Hollandia)**

These are best described as a giant strain of early flowering Iris Hispanica, blooming fully two weeks earlier; flowers very large.

	Doz.	100	1000
Albert Cuyp. Pale blue passing to white, falls primrose, orange blotch.....	\$1.00	\$7.00	\$60.00
David Teniers. Lavender and yellow.....	1.00	7.00	60.00
Frans Hals. Standard light blue, falls yellow.....	1.00	7.00	60.00

**IRIS FILIFOLIA**

A strain of Iris Hispanica, that flowers from 2 to 3 weeks earlier.

	Doz.	100	1000
Celestial. Sky blue.....	\$1.10	\$7.00	\$60.00
Imperator. Blue.....	1.10	7.00	60.00

**IRIS TINGITANA**

A beautiful light blue; excellent for early forcing.....

	Doz.	100	1000
forcing.....	\$1.50	\$10.00	\$80.00



*Lily of the Valley*

**LILY OF THE VALLEY**  
(Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist.

**Michell's Fancy Giant Flowering.** The finest strain of Valley procurable. Per doz., 75c. (by parcel post, 85c.); \$5.00 per 100 (by parcel post, \$5.30); per 1000, \$45.00.

**Clumps.** Ready in November. For outdoor planting only. 60c. each (by P. P. 70c.); per doz., \$6.00; \$45.00 per 100.

**COLD STORAGE LILY OF THE VALLEY**  
(Ready Now)

Per 100, \$7.75; \$65.00 per 1000. Not less than 100 sold.

**NERINE**

**Sarniensis (Guernsey Lily).** Bright red, with a tinge of salmon and gold; flower stalks 15 to 18 inches in height bearing 3 to 6 flowers at a time. 50c. each; per doz., \$5.00 (by parcel post, \$5.15).

**TESTIMONIAL**

All the bulbs I have purchased of you—the Callas, Freesias, etc., are growing beautifully, and the Narcissus are wonderful, such beautiful bunches of flowers.

Alloway, N. J.

T. C. W.



*Montbretia*

**MONTBRETIAS (Ready in December)**

A beautiful flowering bulb resembling a miniature Gladiolus; absolutely hardy and only effective when planted in masses of from 50 to 100 bulbs in a clump. The bulbs can be planted as long as the ground is open, about 3 inches deep; they can also be planted in the early spring.

If wanted by mail, add 15c. per 100 for postage.

	Doz.	100	1000
<b>King Edmund.</b> Rich golden yellow, with brown markings in throat.....	\$1.25	\$7.50	\$65.00
<b>Lord Nelson.</b> Deep orange scarlet.....	1.25	7.50	65.00
<b>Macrospila.</b> Red.....	1.00	6.50	57.50
<b>Meteore.</b> Red and yellow.....	1.00	6.50	57.50
<b>Solfatare.</b> Creamy yellow.....	1.00	6.50	57.50

**ORNITHOGALUM (Star of Bethlehem)**

**Arabicum.** An attractive flowering bulb for either indoor or outdoor culture. Pure white petals, streaked light green with a black flower centre. These are highly fragrant and are especially desirable for planting in woodlands for naturalizing; when used for this purpose, 6 to 12 bulbs should be planted in a clump. For indoor culture treat them like hyacinths. Flowering time outdoors, April and May; sweet scented blooms appearing in umbels of 8 or 10 flowers to a stalk; height, 1 foot. 15c. each; per doz., \$1.25 (by parcel post, \$1.40); \$10.00 per 100.

**TESTIMONIAL**

Please ship me the following \_\_\_\_\_ I received my bulbs last week and they are fine.

Bridgeton, N. J.

H. A. H.



**OXALIS**

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting. Plant 4 to 6 bulbs in a pot or hanging basket.

If wanted by Parcel Post, add 15c. per 100 for postage.

		Doz.	100
Grand Duchess.	Lavender.....	\$0.45	\$2.50
"	" Pink.....	.45	2.50
"	" White.....	.45	2.50
"	" Yellow.....	.45	2.50
Bermuda Buttercup.	Yellow, first size.....	.40	2.50
"	" Mammoth bulbs.....	.75	4.00
Bowei.	Large flowering; rich pink.....	Crop failed.	



*Ranunculus*

**RANUNCULUS (Buttercup)**

An attractive flower resembling a giant double buttercup, or double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Giant Fringed Mixed.....	\$0.85	\$5.00	\$40.00



*Scillas*  
**SCILLAS**

(Squills, Wood Hyacinths, Blue Bells, Etc.)

Excellent for planting around beds of tulips, hyacinths or daffodils, or among shrubbery in the herbaceous border. They also do well if planted indoors in pots or pans. The Campanulata type grow about 15 inches high; the Siberica 3 to 4 inches.

		Doz.	100	By Mail	1000
Campanulata Alba.	White...	\$0.75	\$4.00	\$4.15	\$32.00
"	Coerulea. Blue	.75	4.00	4.15	32.00
"	Rosea. Pink..	.85	4.50	4.65	35.00
Siberica.	Blue, first size bulbs..	.85	4.50	4.65	35.00
"	Mammoth bulbs....	1.00	5.50	5.65	45.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oc)



**SNOWDROPS**

(*Galanthus*)

The first flower to bloom in spring.

No flower plays a more important part in the garden than the Snowdrop, not only being the earliest to bloom, but one of the loveliest. A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border, one following the other in flowering and in change of color. They are perfectly hardy.

If wanted by Parcel Post, add 15c. per 100 for postage.

		Doz.	100	1000
Double.	Pure white.....	\$0.85	\$5.75	\$50.00
Single.	Pure white.....	.65	3.50	30.00

**ZEPHYRANTHES (Fairy Lily)**

A splendid pot plant for winter, of easiest culture. Planted outdoors in May, they will flower the entire season.

If wanted by Parcel Post, add 15c. per 100 for postage.

		Each	Doz.	100
Tretea Alba.	White.....	\$0.15	\$1.25	\$7.50
Tretea Rosea.	Pink.....	.25	2.50	18.50

**MICHELL'S PREPARED BULB FIBRE**



Roman Hyacinths Growing in Fibre

The ideal material in which to grow bulbs, such as Roman Hyacinths, Dutch Hyacinths, Narcissus, Tulips, etc., using vases, crocks, or other receptacles, without drainage. The advantage of this system is that the vases can be placed anywhere about the house, in the drawing room, or dining room, without any fear of water or soil coming through the base of the pots. The bulbs are potted the same way as in ordinary soil, after which they require little attention, except to keep the material moist.

Price, 15c. per qt.; 4 qts., 45c.; 75c. per peck; 1/2 bu., \$1.25; \$2.00 per bu.



*Spirea, Gladstone*

**SPIREA**

(Ready About November 15th)

This is a favorite Easter plant, rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by putting in a warmer place.

**America.** A beautiful lilac-rose variety, having the same habit, large feathery panicles and forcing qualities of Gladstone. 85c. each; per doz., \$9.00; \$65.00 per 100.

**Gladstone.** This popular, large flowering variety is an improvement on all other white varieties. The immense trusses of flowers are snow white, borne on strong, erect stalks and are produced in great abundance. 85c. each; per doz., \$9.00; \$65.00 per 100.

**Peach Blossom.** A fine variety; flower spikes are of a fine shade of pink and quite distinct. 85c. each; per doz., \$9.00; \$65.00 per 100.

**Princess Mary.** An extra fine pink variety; a splendid forcer. 85c. each; per doz., \$9.00; \$65.00 per 100.

**Queen Alexandra.** A beautiful shade of pink. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. 85c. each; per doz., \$9.00; \$65.00 per 100.

**MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS**

	Qt.	4 qts.	Pk.	Bu.	Bbl.
Charcoal (Lump).....	\$0.10	\$0.35	\$0.65	\$1.50	\$2.50
Leaf Mould.....	.10	.30	.50	1.50	3.25
Pebbles.....	.10	.40	.75	2.50	5.00
Potting Sand.....	.10	.25	.40	1.40	3.00
Prepared Potting Soil.....	.10	.25	.40	1.50	3.25
		Each	Doz.	100	
6-inch Bulb Pans.....		\$0.09	\$0.98	\$7.29	
7-inch Bulb Pans.....		.15	1.62	12.15	
4-inch Pots.....		.04	.36	2.70	
Hyacinth Glasses.....		.40	4.00		

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING

For Complete List of Flower Seeds, see Our General Catalogue for 1924

## ACHILLEA (Milfoil or Yarrow)

*Ptarmica*, Fl. Pl., "The Pearl." Tall erect plants, bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 ft. . . . . \$0.75 \$0.10

## ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; 4 feet; August-September.

*Napellus*. Blue. . . . . \$0.40 \$0.10

## AGROSTEMMA

*Coronaria* (*Mullein Pink*). Erect growing plants with silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet; June to August. . . . . \$0.25 \$0.10

## ALYSSUM

*Saxatile Compactum* (*Basket of Gold*). Showy golden yellow flowers; hardy perennial; excellent for rock work or border; 1 ft. . . . . oz., 90c. .30 .10



*Antirrhinum* (*Snapdragon*) *Philadelphia Pink*

## ANTIRRHINUM (Snapdragon)

Extensively forced under glass during the winter.

### SPECIAL FORCING VARIETIES

	Large pkt.	Pkt.
<b>Canary Bird.</b> Canary yellow. . . . .	\$0.60	\$0.25
<b>Cattleya.</b> Silver rosy lilac, golden yellow lip. . . . .	.60	.25
<b>Keystone.</b> Large spikes; color, rose pink. . . . .		1.00
<b>Michell's Salmon Pink.</b> Long spikes of flowers of a delicate salmon pink. . . . .	.60	.15
<b>Orlando (New).</b> Bronze color. . . . .		1.25
<b>Philadelphia Pink.</b> Considered to be the finest pure pink. . . . .		1.25
<b>Silver Pink.</b> . . . . .		1.25
<b>Snowflake.</b> Pure white. . . . .	.60	.25

## ANCHUSA (Sea Bugloss)

*Italica* "Dropmore." A hardy perennial plant, 4 feet high, with an abundance of beautiful flowers of a lovely gentian blue. . . . . \$0.30 \$0.10

## ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial. . . . . Large pkt. Pkt.

*Coronaria*. Mixed colors; 1 foot. . . . . \$0.25 \$0.10

*St. Brigid, or Poppy*. Flowers of large size; semi-double and double, in many colors; 1 foot. . . . . .50 .15

## ANTHEMIS (Hardy Marguerite)

*Tinctoria Kelwayi*. A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; excellent for cutting; 2 feet. . . . . .40 .10

## AQUILEGIAS OR COLUMBINES

A graceful spring flowering plant; very effective in the herbaceous border and among shrubbery; exquisitely spurred flowers on stems 2 feet above the fern-like foliage. Large pkt. Pkt.

*Californica Hybrida*. Mixed colors; long spurs. . . . \$0.60 \$0.10

*Chrysantha* (*Golden Spurred*). Bright golden yellow. . . . . .60 .10

*Coerulea* (*Rocky Mountain Columbine*). Large flowers, violet-blue and white. . . . . .60 .10

*Long Spurred Hybrids*. Flowers of many rich and varied colors, with long spurs. . . . . .60 .10

*Rose Queen*. Pink, white centre, yellow anthers. . . . . .75 .15

*Double Mixed*. All colors. . . . . oz., 85c. .25 .10

*Single Mixed*. All colors. . . . . oz., 75c. .25 .10

## ARABIS (Rock Cress)

*Alpina*. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches. . . . . .25 .10

## ASPARAGUS

*Plumosus Nanus*. An excellent plant for house or conservatory decoration or cutting, on account of its graceful, finely cut foliage. . . . . \$1.00 \$0.25

*Sprengeri*. One of the best plants to grow in hanging baskets or window boxes for the greenhouse in winter or for outdoors in the summer. . . . . .50 .10

## ASPERULA (Woodruff)

*Odorata*. Dwarf spring flowering perennial, thriving in partial shade; flowers white; 1 foot; May. . . . \$0.30 \$0.10

## ASTER, PERENNIAL (Michaelmas Daisy)

*Choice Mixed*. One of the showiest of our late flowering perennial plants; star-like, single flowers; 2 to 3 feet. . . . . \$0.40 \$0.10

## AURICULA (Primula Auricula)

*Choice Mixed*. These early flowering perennial plants resemble primroses; multi-colored flowers in great variety; for borders or pot culture; 6 inches. . . . . .75 .10

## BABY'S BREATH (See Gypsophila)

## BELLIS PERENNIS (See Daisy)

## BOCCONIA (Plume Poppy)

*Cordata*. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet. . . . . \$0.25 \$0.10

## BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches. . . . . Large pkt. Pkt.

*Elata Coerulea*. Sky-blue flowers. . . . . \$0.30 \$0.10

*Speciosa Major*. Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering. . . . . .75 .20

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers. Large pkt. Pkt.

**Hybrida Grandiflora, Tall Mixed.** Large, rich, self-colored flowers saved from a choice collection; 18 inches.....\$0.85 \$0.25

**Hybrida Grandiflora, Pumila Compacta.** Of dwarf, compact growth; trusses of large, self-colored and spotted flowers; 1 foot..... .85 .25

**Rugosa (Shrubby).** Mixed colors. Small flowering, for bedding..... .85 .25

## CALLIOPSIS (Coreopsis)

**California Sunbeams.** Large flowers beautifully formed; yellow and brown.....oz., 75c. .25 .10

**Lanceolata Grandiflora.** Single golden yellow flowers of graceful form; invaluable for cutting; blooms the entire summer.....oz., 50c. .25 .10

## CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers. Thrives best in light, rich soil.

	Oz.	Large pkt.	Pkt.
Single Blue.....	\$0.60	\$0.25	\$0.10
" Pink.....	.60	.25	.10
" White.....	.60	.25	.10
" Mixed.....	.50	.25	.10
Double Blue.....		.50	.10
" Pink.....		.50	.10
" White.....		.50	.10
" Mixed.....	1.50	.40	.10

## CAMPANULA MEDIA CALYCANTHEMA (CUP AND SAUCER CANTERBURY BELLS)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large pkt.	Pkt.	White	Large pkt.	Pkt.
Blue.....	\$0.50	\$0.10		\$0.50	\$0.10
Pink.....	.50	.10	Mixed.....	.40	.10

## CAMPANULAS OR BELLFLOWERS (PERENNIAL VARIETIES)

One of our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers. Large pkt. Pkt.

**Carpatica (Carpathian Hare Bell).** Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.....\$0.40 \$0.10

**Carpatica, Alba.** Pure white..... .40 .10

**Persicifolia Grandiflora (Peach Bells).** Blue; spikes 4 feet tall with bell-shaped flowers..... .75 .15

**Persicifolia Grandiflora, Alba.** Pure white..... .75 .15

**Pyramidalis (Chimney Bell Flower).** Perfect pyramids 6 feet high, crowded with large bell-shaped flowers, blue and white mixed..... .40 .10

## CANDYTUFT (Iberis)

**Sempervirens.** Dwarf spring flowering perennial; flowers glistening white; May; 1 foot..... .60 .10

## CARNATION

These are general favorites for their richness of color and delightful fragrance. Desirable for greenhouse culture in winter as well as for the garden in summer. Large pkt. Pkt.

**Chabaud's Everblooming, Mixed.** Blooms in five months after being sown.....\$0.60 \$0.15

**Choice Mixed.** Double border varieties..... .50 .10

**Early Vienna.** Large double flowers in mixture.... .50 .10

## MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring.

	Large pkt.	Pkt.
Pink.....	\$0.50	\$0.10
Scarlet.....	.50	.10
White.....	.50	.10
Yellow.....	.50	.10
Choice Mixed.....	oz., \$2.25	.40 .10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

## CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms from July to September. Large pkt. Pkt.

**Montana (Hardy Cornflower).** Blue; 18 inches....\$0.40 \$0.10

## CERASTIUM (Snow in Summer)

**Tomentosum.** Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches..... .40 .10

## CHRYSANTHEMUM (Perennial)

Large pkt. Pkt.

**Early Flowering, Double and Semi-Double.** Very showy; excellent for cutting; 1 foot.....\$0.75 \$0.25

**Japanese Hybrids.** Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 2 feet..... .75 .15

**King Edward VII.** Flowers extra large, pure white and of perfect form..... .30 .10

**Shasta Daisy, "Alaska."** The finest of all; single white flowers on long stems; 2 feet..... .60 .10

## CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our Grandiflora Prize Strain cannot be surpassed, immense trusses of large flowers, often measuring 4 inches across.

**Grandiflora Prize Dwarf.** Mixed colors; plants of dwarf habit.....\$0.85 \$0.35

**Grandiflora Prize Medium Tall.** Mixed colors; desirable as a decorative plant..... .85 .35

**Matador.** Large flowering scarlet..... .85 .35

**Stellata Hybrida.** Of graceful habit; produces a profusion of flowers; mixed colors..... .75 .25

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

## CLEMATIS

Perennial climbers; fine for arbors, verandas, etc. Large pkt. Pkt.

**Paniculata (Japanese Virgin's Bower).** The beautiful autumn-flowering variety, admired for its fragrant, white star-shaped flowers.....\$0.25 \$0.10

**COLUMBINE. See Aquilegia**

**CONE FLOWER. See Rudbeckia**

**COREOPSIS. See Calliopsis**

**COWSLIP. See Primula**

## CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

## MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 seeds	Pkt.
Bright Red.....	\$2.50	\$0.50
Dark Blood Red.....	2.50	.50
Glory of Wandsbek. Salmon red.....	2.50	.50
Perle of Zehlendorf. Salmon pink.....	2.50	.50
Pure White.....	2.50	.50
Rose of Marienthal. Bright pink.....	2.50	.50
White with Carmine Eye.....	2.50	.50
Mixed. All colors.....	2.00	.40

Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

## DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are favorite perennials; easily raised from seed; blooms from early spring until well in the summer; 4 inches.

	Large pkt.	Pkt.
<b>Monstrosa, Pink.</b> These surpass all strains of this popular plant in strong, robust growth and in the abundance of extra large, perfectly double flowers..	\$0.75	\$0.25
<b>Monstrosa, White</b> .....	.75	.25
<b>Monstrosa, Mixed</b> .....	.75	.25
<b>Longfellow.</b> Large double pink flowers.....	.60	.10
<b>Snowball.</b> Purest white; large and double.....	.60	.10
<b>Double Mixed.</b> Extra fine.....	.50	.10

## DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials, very easily grown from seed. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

	Large pkt.	Pkt.
<b>Belladonna.</b> One of the most continuous blooming varieties; immense spikes of clear turquoise blue, which cannot be excelled for beauty; 5 feet.....	\$0.60	\$0.25
<b>Bellamosum.</b> A rich, deep blue form of the popular light blue Belladonna.....	.75	.25
<b>Chinense Grandiflorum.</b> A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet.....	oz., \$1.25 .30	.10
<b>Chinense Grandiflorum Album.</b> Pure white flowers.....	oz., \$1.25 .30	.10
<b>Elatum (Bee Larkspur).</b> Rich blue; 4 feet.....	oz., \$1.50 .40	.10
<b>Formosum Coelestinum.</b> Sky blue.....	.75	.15
<b>Gold Medal Hybrids.</b> Produces long spikes of large flowers, the lighter shades of blue predominating....	.40	.10
<b>Blue Butterfly.</b> An annual variety, of an exquisite deep blue.....	.50	.15

## DIANTHUS (Hardy Garden Pinks)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

	Large pkt.	Pkt.
<b>Clove Scented.</b> Double and semi-double varieties, in beautiful colors; fragrant.....	\$0.50	\$0.10
<b>Double Scotch.</b> Choice mixed colors.....	.50	.15
<b>Erfurt.</b> Of dwarf, compact growth; blooms early; mixed colors.....	.60	.10
<b>Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William).</b> Double scarlet.....	.40	.10
<b>Pheasant's Eye.</b> Single fringed flowers; mixed colors.....	oz., 75c. .25	.10



*Digitalis (Foxglove) Gloxiniaeflora*

## DIGITALIS (Foxglove)

Ornamental hardy plants; long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large pkt.	Pkt.
<b>Gloxiniaeflora, Pink</b> .....	\$1.00	\$0.30	\$0.10
“ <b>Purple</b> .....	1.00	.30	.10
“ <b>White</b> .....	1.00	.30	.10
“ <b>Mixed</b> .....	.75	.25	.10
<b>Grandiflora, Yellow</b> .....	1.00	.30	.10

## DICTAMNUS (Gas Plant)

	Large pkt.	Pkt.
<b>Fraxinella.</b> Showy, bushy plants 2½ feet high; purple red flowers; perennial; June and July.....	\$0.25	\$0.10

## EUPATORIUM

<b>Fraseri.</b> A fine hardy perennial, thriving in almost any situation, excellent for cutting; 2 feet.....	.25	.10
--	-----	-----

## FERNS

Very desirable plants for ferneries.		
<b>Adiantum (Maiden Hair).</b> Mixed.....	1.00	.15
<b>Pteris Varieties.</b> Mixed.....	1.00	.15
<b>All Sorts Mixed.</b> Choice collection.....	1.00	.15

We can also furnish all other good varieties of fern spores.

## FORGET-ME-NOT. See Myosotis



*Gaillardia, Grandiflora Superba*

## GAILLARDIA (Blanket Flower)

### PERENNIAL VARIETIES

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size.

	Large pkt.	Pkt.
<b>Grandiflora Dazzler (New).</b> Very large flowers, on long stems; color, bright golden yellow, with rich maroon-red center.....	\$0.60	\$0.25
<b>Grandiflora Compacta.</b> A compact variety; choice mixed colors; 12 to 15 inches.....	oz., 90c. .30	.10
<b>Grandiflora Sanguinea.</b> Blood-red flowers; 2 ft....	.30	.10
<b>Grandiflora Semi-Double.</b> Mixed.....	.30	.10
<b>Grandiflora Superba.</b> Mixed; 2 feet.....	oz., 90c. .25	.10

## GENTIANA (Blue Gentian)

<b>Acaulis.</b> A dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.....	.40	.10
--	-----	-----

## GEUM

<b>Atrosanguineum Fl. Pl.</b> Hardy perennial, bearing large, showy double dark crimson flowers all through the summer; fine for bouquets; 1½ ft....	.30	.10
<b>Mrs. Bradshaw.</b> Large, double brilliant scarlet flowers; blooms the entire summer.....	.60	.15

## GLOXINIA

<b>Hybrida Grandiflora.</b> An extra fine strain, embracing all the choicest self-colored and tigers and spotted flowers.....	.85	.25
---	-----	-----

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## GYPSOPHILA (Baby's Breath)

	Oz.	Large pkt.	Pkt.
<i>Paniculata</i> . Hardy perennial variety; flowers in graceful sprays of white.....	\$0.60	\$0.25	\$0.10
<i>Paniculata fl. pl.</i> Double white flowers....	.75	.20	

## HELENIUM (Sneeze Wort)

<i>Autumnale Superbum</i> . Perennial; large heads of golden yellow flowers; 5 to 6 feet.....	.40	.10	
---	-----	-----	--

## HELIOPSIS (Orange Sunflower)

<i>Pitcheriana</i> . A handsome hardy perennial, producing an abundance of deep orange-yellow flowers the entire summer; excellent for cutting; 3 to 4 feet....	.25	.10	
---	-----	-----	--

## HEUCHERA (Alum Root)

<i>Sanguinea</i> . Hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot.....	.75	.10	
---	-----	-----	--

## HOLLYHOCK

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

	Oz.	Large pkt.	Pkt.
<i>Allegheny</i> . Semi-double; mammoth flowers, edges fringed and lacinated; mixed... \$1.25	\$0.30	\$0.10	
<i>Exquisite (New)</i> . Large double fringed flowers; mixed colors.....	.60	.25	
<i>Chater's Double, Maroon</i> .....	1.50	.40	.10
“ “ <i>Pink</i> .....	1.50	.40	.10
“ “ <i>Red</i> .....	1.50	.40	.10
“ “ <i>Salmon</i> .....	1.50	.40	.10
“ “ <i>White</i> .....	1.50	.40	.10
“ “ <i>Yellow</i> .....	1.50	.40	.10
“ “ <i>Mixed</i> .....	1.25	.30	.10
Collection, one pkt. each of above 6 colors.....			.50
<i>Double Ever-blooming Mixed</i> .....	1.50	.40	.15
<i>Single Ever-blooming Mixed</i> .....	.90	.30	.10
<i>Single Mixed</i> .....	.90	.30	.10

## IBERIS. See Candytuft

## IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decorations, flowering profusely and almost continuously.

	Large pkt.	Pkt.
<i>Holstii</i> . Resembles <i>Impatiens Sultani</i> in leaf and shape of bloom, but flowers are larger; color, vermilion red.....	\$0.60	\$0.20
<i>Holstii</i> , "New Hybrids." The colors offered in these Hybrids are beautiful and of many shades....	.60	.15
<i>Sultani</i> . Bright rose.....	.60	.15
<i>Sultani Hybrida</i> . Colors range from pale pink to dark crimson.....	.60	.15

## IRIS (Flowering Flag)

<i>Kaempferi (Japanese Iris)</i> . Hardy perennial; very showy; blooms the second year from seed; mixed colors; 3 feet.....	.30	.10
---	-----	-----

## LARKSPUR, PERENNIAL. See Delphinium

## LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Showy hardy perennial climber; fine for covering walls, stumps, fences, etc. Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting; 6 to 8 feet.

	Oz.	Large pkt.	Pkt.
<i>Crimson</i> . Brilliant.....	\$1.25	\$0.30	\$0.10
<i>Pink Beauty</i> . Bright rosy-pink.....	1.25	.30	.10
<i>White</i> .....	1.25	.30	.10
<i>Choice Mixed</i> . All colors.....	.75	.25	.10

## LAVENDER (Lavandula Vera)

	Large pkt.	Pkt.
Well-known perennial plant, bearing long spikes of fragrant blue flowers; 18 inches.....	oz., 90c.	\$0.30 \$0.10

## LOBELIA

<i>Cardinalis (Cardinal Flower)</i> . Hardy perennial; tall spikes of showy cardinal red flowers.....	.75	.10
---	-----	-----

## LUPINUS (Perennial Varieties)

Perennial of easy culture, with graceful spikes of pea-shaped flowers; excellent for cutting; May and June; 2 to 3 feet.

	Large pkt.	Pkt.
<i>Polyphyllus, Blue</i> .....	\$0.25	\$0.10
“ <i>Roseus, Pink</i> .....	.30	.10
“ <i>White</i> .....	.25	.10
“ <i>Mixed</i> .....	oz., 40c.	.25 .10

## LYCHNIS

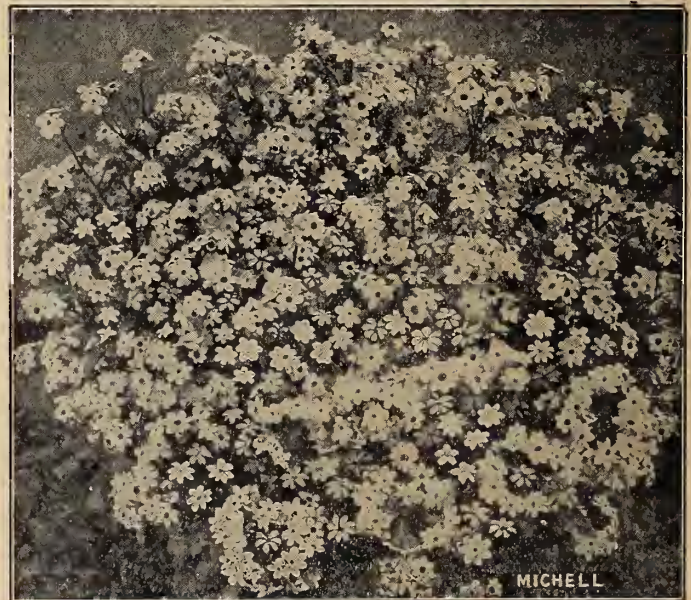
Perennials of easy culture; excellent for massing in large beds or borders; remarkable for the brilliancy of their flowers.

	Large pkt.	Pkt.
<i>Chalcedonica (Rose Campion)</i> . Fine scarlet cross-like flowers; 2 feet; July.....	oz., 50c.	\$0.25 \$0.10
<i>Haageana</i> . Brilliant large, orange, scarlet, pink and crimson flowers, in mixture; 1 foot; July.....	.75	.10

## MIGNONETTE

Valuable for cutting on account of its fragrance; can be grown in pots for winter and early spring blooming.

	Large pkt.	Pkt.
<i>Allen's Defiance</i> . Spikes invariably attain a height of 12 to 15 inches; fragrant.....	oz., 60c.	\$0.25 \$0.10
<i>Bismarck</i> . Compact plants of strong growth; stout spikes of large flowers.....	oz., \$1.25	.30 .10
<i>Golden Machet</i> . Large golden yellow.....	oz., 75c.	.25 .10
<i>Goliath</i> . Giant spikes of red flowers.....	oz., \$1.50	.40 .10
<i>Machet</i> . Large reddish tinted, sweet scented flowers.....	oz., 75c.	.25 .10
<i>Michell's Colossal</i> . Flower spikes often average 18 inches; extremely fragrant.....	.75	.15



*Myosotis—Alpestris Victoria*

## MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist, shady situations. Very effective when grown in masses.

	Large pkt.	Pkt.
<i>Alpestris Victoria</i> . Of bushy habit, bearing large bright blue flowers; very fine; 6 inches.....	\$0.40	\$0.10
<i>Dissitiflora</i> . Of dwarf, compact habit; deep green foliage, and attractive deep blue flowers.....	.75	.10
<i>Eliza Fanrobert</i> . Of strong growth, with clusters of large, bright blue flowers; 10 inches.....	.40	.10
<i>Grandiflora Alba</i> . Large white flowers; 8 inches..	.40	.10
<i>Grandiflora Rosea</i> . Large pink flowers; 8 inches..	.40	.10
<i>Michell's Winter Flowering</i> . The finest variety for forcing; long stems, deep blue flowers.....	.75	.15
<i>Palustris</i> . The true Forget-Me-Not; bright blue flowers; 8 inches.....	.60	.10
<i>Palustris Semperflorens</i> . Dwarf; blooms the entire season; deep blue.....	.60	.10
<i>Choice Mixed</i> .....	oz., 90c.	.25 .10



## MICHELL'S GIANT PANSIES

Seed may be sown any time in the autumn, the earlier the better for early blooming the following spring.

### PANSIES IN MIXTURE

	Large pkt.	Pkt.
<b>Michell's Giant Exhibition.</b> A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75. . . . .	\$0.75	\$0.25
<b>Giant Trimardeau.</b> Very large flowering; all colors, mixed. . . . . 1/4 oz., \$1.00	.40	.10
<b>Mad. Perret.</b> Early flowering; fragrant; especially rich in red shades. . . . . 1/4 oz., \$1.25	.75	.25
<b>Masterpiece (Frisled Pansy).</b> Beautiful rich colors; petals curled or waved. . . . . 1/8 oz., \$1.00	.75	.25
<b>Odier or Blotched.</b> Beautiful strain. . . . . 1/4 oz., \$1.25	.75	.15
<b>Parisian Large Stained.</b> Choicest colors. . . . . 1/4 oz., \$1.25	.60	.15
<b>Triumph of the Giants Mixed.</b> Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., \$11.00; \$3.25 per 1/4 oz.; per 1/8 oz., \$2.00. . . . .	.85	.50
<b>Finest English Mixed.</b> . . . . . oz., \$2.25	.40	.10

### GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	1/4 oz.	Large - pkt.	Pkt.
<b>Giant Prize, Azure Blue.</b> Violet blue. . . . . \$1.00	\$0.50	\$0.15	
<b>Giant Prize, Black Blue.</b> Dark velvety. . . . . 1.00	.50	.15	
<b>Giant Prize, Emperor William.</b> Ultra-marine blue. . . . . 1.00	.50	.15	
<b>Giant Prize, Hortensia Red.</b> Scarlet. . . . . 1.00	.50	.15	
<b>Giant Prize, King of the Blacks.</b> . . . . . 1.00	.50	.15	
<b>Giant Prize, Lord Beaconsfield.</b> Violet. . . . . 1.00	.50	.15	
<b>Giant Prize, Peacock.</b> Upper petals blue, lower petals deep claret with white margin. . . . . 1.00	.50	.15	
<b>Giant Prize, Snow Queen.</b> Pure white. . . . . 1.00	.50	.15	
<b>Giant Prize, Striped and Mottled.</b> . . . . . 1.00	.50	.15	
<b>Giant Prize, White, with dark eye.</b> . . . . . 1.00	.50	.15	
<b>Giant Prize, Pure Yellow.</b> . . . . . 1.00	.50	.15	
<b>Giant Prize, Yellow, with dark eye.</b> . . . . . 1.00	.50	.15	
<b>Giant Prize, Orange King (New).</b> Flowers large; lower portion of petals a vivid orange color, upper petals are of a distinct creamy tint. 3 pkts., 75c. . . . .		.30	

**SPECIAL OFFER.**—We will send 6 packets of any of the above varieties of Giant Pansies (not including Orange King) for 75c.; or 12 pkts. for \$1.40.

Ask for Cultural Leaflet No. 209 on the Growing of Pansies.

### PAPAVER. See Poppy

### PENTSTEMON (Beard Tongue)

A beautiful perennial plant, producing freely large spikes of handsome tubular flowers. Large pkt. Pkt.

<b>Sensation.</b> Large spikes of gloxinia-like flowers of brilliant colors; 2 feet; requires protection. . . . .	\$0.50	\$0.15
<b>New Hybrids, Mixed.</b> Produces large spikes of handsome flowers; 3 feet. . . . .	.50	.10

### PHLOX (Hardy)

**Decussata.** Perennial plants 2 to 3 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring. . . . . 1/4 oz., \$1.00

### PHYSALIS (Chinese Lantern Plant)

**Francheti.** Dense bushes about 2 feet high, producing freely, bright orange-scarlet, lantern like fruits; perennial. . . . .



Michell's Giant Exhibition Pansy

### PHYSOSTEGIA (False Dragon Head)

One of the most beautiful of our summer flowering perennial border plants, it forms dense bushes, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large pkt.	Pkt.
<b>Virginica.</b> Pink. . . . .	\$0.40	\$0.10
<b>Virginica Alba.</b> White. . . . .	.40	.10

### PINKS. See Carnation and Dianthus

### PLATYCODON (Chinese Bell Flower)

One of the best hardy perennials; large bell-shaped flowers; excellent for borders or among shrubbery; 2 to 3 feet.

	Large pkt.	Pkt.
<b>Grandiflorum, Blue.</b> . . . . .	\$0.40	\$0.10
<b>Grandiflorum, White.</b> . . . . .	.40	.10

### POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

<b>Gold Laced.</b> Flowers of brilliant colors, with distinct yellow edge. . . . .	\$0.60	\$0.15
<b>Double Mixed.</b> Beautiful colors. . . . .	.75	.15
<b>English Mixed.</b> All colors. . . . .	.60	.10

### POPPY (Perennial)

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

	Large pkt.	Pkt.
<b>Giant Scarlet (Bracteatum).</b> Large flowers; 3 feet. . . . .	\$0.25	\$0.10
<b>Iceland (Nudicaule).</b> White; 1 foot. . . . .	.40	.10
“ <b>Yellow.</b> . . . . .	.40	.10
“ <b>Single Mixed.</b> A wide range of colors. . . . .	.40	.10
<b>Oriental.</b> Extra large flowers; deep scarlet. . . . .	.30	.10
“ <b>Mrs. Perry.</b> Rich salmon pink. . . . .	.75	.10
“ <b>Hybrids.</b> Beautiful flowers of large size; mixed colors. . . . . 1/4 oz., 60c.	.40	.10

### TESTIMONIAL

Glen Cove, L. I.  
I consider Michell's Giant Exhibition Pansy the best strain I have ever grown, either in England or America.  
R. C. Supt.

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## PRIMULA

### FRINGED CHINESE PRIMROSE

These are among our finest winter and spring blooming pot plants for decorations in the home or conservatory. Our seed has been grown for us by a Primula Specialist, and cannot be excelled for size and brilliancy of colors. Our strains have won many first prizes.

Alba Magnifica. Large pure white flowers.....	Large pkt.	Pkt.	\$0.85	\$0.40
Chiswick Red. Brilliant red.....			.85	.40
Duchess. Large white with zone of rosy carmine, yellow eye.....			.85	.40
Holborn Blue. A beautiful shade.....			.85	.40
Kermesina Splendens. Crimson.....			.85	.40
Rosy Morn. Delicate pink.....			.85	.40
Michell's Prize Mixture. This mixture contains only the finest sorts selected from the best strains...			.85	.25
Imported Collection. 8 varieties.....				.75

### PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage; elegant plants for greenhouse or light window of dwelling house.

Grandiflora Alba. White.....	Large pkt.	Pkt.	\$0.75	\$0.20
" Coerulea. Blue.....			.75	.20
" Kermesina. Crimson.....			.75	.20
" Lilacina. Pale lilac.....			.75	.20
" Rosea. Pink.....			.75	.20
" Vesuvius. Deep crimson.....			.75	.25
" Hybrida. Mixed.....			.75	.20
" Fimbriata. Fringed; mixed colors.....			.75	.15
Gigantea MONSTER. An extra large flowering strain of this popular Primula.....				
" Apple Blossom. Soft pink.....			1.25	.40
" Kermesina. Deep crimson.....			1.25	.40
" Deep Rose.....			1.25	.40
" Rosea. Pink.....			1.25	.40
" Mixed Colors.....			1.25	.40

### VARIOUS SORTS

Eureka, Salmon Pink. This class is akin to the Obconica type, but the compact flower heads have more the appearance of the Sinensis variety; large, well shaped flowers. Original pkt., 85c. Large pkt. Pkt.

Kewensis (Verbena Scented Yellow Primrose). Spikes 12 to 18 inches long; color, soft yellow; very fragrant.....	Large pkt.	Pkt.	\$0.75	\$0.25
Malacoides. Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing and continue for a long time; color, a pretty light lilac.....			.75	.20
Malacoides Alba. Flowers pure white.....			.75	.20
Malacoides Alba Plena. A new variety with double white flowers.....			.75	
Malacoides Superba. Deep rosy pink; large.....				.40

### HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

Veris (English Cowslip). Fragrant; flowers of various colors; 6 inches; mixed..... Large pkt. Pkt. \$0.60 \$0.10

### PYRETHRUM (Perennial)

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting. Large pkt. Pkt. \$0.60 \$0.10

Roseum. Flowers bright rose color; July; 2 feet.....	Large pkt.	Pkt.	\$0.60	\$0.10
Uliginosum (Giant White Daisy). Large, single white flowers; September; 3 to 4 ft.....			.50	.10
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centers; July; 2 feet.....			.50	.10
Hybridum Double Mixed.....			.75	.25

### RESEDA. See Mignonette

### ROCK CRESS. See Arabis

### RUDBECKIA (Coneflower)

Newmani. Large yellow flowers with black centre; perennial; very showy; 3 feet.....	Large pkt.	Pkt.	\$0.40	\$0.10
Purpurea (Giant Purple Coneflower). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet.....			.40	.10

## SCABIOSA

Handsome perennial border plants, flowering the entire season.

Caucasica. Soft blue; 3 feet.....	Large pkt.	Pkt.	\$0.75	\$0.10
Caucasica Alba. Pure white.....			.75	.10
Japonica. Lavender blue.....			.25	.10

### SCHIZANTHUS (Butterfly Flower)

One of our finest annuals; bears a profusion of pretty butterfly-like flowers of various colors; useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

Garraway's Hybrids. Flowers large, with handsome markings on a white, buff, rose, blue or purple ground.....	Large pkt.	Pkt.	\$0.75	\$0.25
Hybridus Grandiflorus. Compact plants, with flowers of many shades and of orchid-like appearance; 12 inches.....			.30	.10
Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; flowers range from white with yellow centre to pink with brown centre; 1½ feet.....			.50	.20
Mixed. Various colors.....			.25	.10

### SHASTA DAISY. See Chrysanthemum

### SNAPDRAGON. See Antirrhinum

### STATICE. (Sea Lavender)

Latifolia. Splendid hardy perennial, either for the border or rockery; panicles of deep blue flowers, which can be dried and used for winter bouquets. 1 foot.....	Large pkt.	Pkt.	\$0.40	\$0.10
--	------------	------	--------	--------

## Michell's "Distinctive" Stocks

The stock is one of the most popular and highly prized of our cultivated flowers, either for the garden or for pot culture. The charming colors, delightful fragrance and free blooming character, have made them favorite plants for both summer and winter cultivation. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

### MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer; large, double fragrant flowers; fine for garden bedding or cutting; especially desirable for use as a pot plant. For winter blooming, sow from July to September. Large pkt. Pkt. \$0.50 \$0.15

Abundance. Dwarf, spreading habit; carmine-rose.....	Large pkt.	Pkt.	\$0.50	\$0.15
Beauty of Nice. Charming delicate pink.....			.50	.15
Crimson King. Deep red.....			.50	.15
La Brillante. Rich brilliant crimson.....			.50	.15
Midsummer Night. Deep, dark violet.....			.50	.15
Monte Carlo. Canary yellow.....			.50	.15
Mont Blanc. Pure white.....			.50	.15
Old Rose. An extra fine variety.....			.50	.15
Queen Alexandra. Delicate lavender.....			.50	.15
Choice Mixed. All colors.....			.50	.15

### MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large pkt.	Pkt.		Large pkt.	Pkt.
Blood Red.....	\$0.50	\$0.15	Rose Pink.....	\$0.50	\$0.15
Dark Blue.....	.50	.15	White.....	.50	.15
Flesh Pink.....	.50	.15	Mixed.....	.50	.15
Light Blue.....	.50	.15			

### STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; excellent for cutting; 1½ to 2 feet.

Cyanea. Lavender blue.....	Large pkt.	Pkt.	\$0.40	\$0.10
" Alba. Pure white.....			.40	.10

### SWEET ALYSSUM. See Alyssum

## WINTER FLOWERING SPENCER SWEET PEAS

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the Southern States.

### NEWER VARIETIES

The following varieties but recently introduced have proven to be a great improvement in the Winter Flowering Spencer Sweet Peas. They are of special merit as regards size and form of flowers and length of stem.

	Pkt.	½ oz.	Oz.
<b>Burpee's Orange.</b> Finest clear glistening orange; flowers of largest size and produced in threes and fours on long stems.	\$0.25	\$1.75	\$3.00
<b>Florence Michell (Novelty).</b> The best deep blue to date; very free flowering; usually four large flowers are produced on a stem.	.35	2.25	4.00
<b>Mrs. Kerr.</b> Flowers of immense size; color, a pleasing shade of rich salmon, overlaid with a soft tinge of orange.	.15	.90	1.50
<b>Mrs. Warren G. Harding.</b> A deep shade of silvery blue; of immense size and beautifully waved.	.15	.90	1.50
<b>Princess.</b> Flowers large; color, a lovely shade of soft lavender suffused mauve; nicely waved.	.15	.75	1.25
<b>Rose Dore (Novelty).</b> A beautiful rose pink suffused gold, with orange shading; very long stems.	.25	1.75	3.00
<b>White Star.</b> An extra fine black-seeded, pure white variety; flowers of enormous size, produced in fours and well waved.	.15	.90	1.50

### GENERAL LIST

<b>Asta Ohn.</b> Rich lavender	.15	.60	1.00
<b>Aviator.</b> Dazzling crimson scarlet	.15	.60	1.00
<b>Blue Bird.</b> A charming shade of blue	.15	.60	1.00
<b>Cherry Ripe.</b> Cherry or salmon cerise	.15	.60	1.00
<b>Columbia.</b> Salmon color standard; white wings	.15	.60	1.00
<b>Fire King.</b> Deep orange scarlet	.15	.60	1.00
<b>Glitters (Early Royal Scot).</b> Standard fiery orange; wings deep orange	.15	.60	1.00
<b>Heatherbell.</b> Mauve lavender	.15	.60	1.00
<b>Illumination.</b> Salmon cerise, suffused orange	.15	.60	1.00
<b>Lavender King.</b> Rich, deep lavender	.15	.60	1.00
<b>Madonna.</b> Best giant white; black seeded	.15	.60	1.00
<b>Meadow Lark.</b> Rich cream	.15	.60	1.00
<b>Melody.</b> Rose pink on white ground	.15	.60	1.00
<b>Miss Louise Gude.</b> Large flowering; color, shell pink	.15	.90	1.50
<b>Mrs. A. A. Skaach.</b> Clear, light pink	.15	.60	1.00
<b>Othello.</b> Flowers large; beautiful maroon	.15	.60	1.00
<b>Primrose Beauty.</b> Deep primrose, flushed rose, flowers large	.15	.60	1.00
<b>Rose Queen.</b> Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose pink. ¼ oz., \$1.25	.50	2.25	4.00
<b>Snow Flake.</b> Large pure white	.15	.60	1.00
<b>Snowstorm (Improved).</b> White; extra large	.15	.60	1.00
<b>True Blue.</b> A charming blue self; flowers large and well waved	.15	.60	1.00
<b>Yarrowa.</b> Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings	.15	.60	1.00
<b>Zvolanek's Rose.</b> Extra large; rose pink	.15	.90	1.50
<b>Mixed Colors.</b> Winter Flowering Spencer	.10	.35	.60

### SWEET ROCKET (Hesperis)

Excellent for naturalizing among shrubbery or for planting in a permanent border.

	Large pkt.	Pkt.
<b>Mixed.</b> Fragrant white and purple flowers; a desirable hardy perennial; 2 to 3 feet	oz., 50c.	\$0.25 \$0.10

### SWEET WILLIAM (Dianthus Barbatus)

One of the finest hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and shrubbery.

	Large pkt.	Pkt.
<b>Auricula Flowered.</b> A beautiful class of "eyed" single varieties; all colors mixed	oz., 75c.	\$0.25 \$0.10
<b>Single Crimson</b>	oz., 75c.	.25 .10
" <b>Pink Beauty.</b> Salmon pink	.50	.15
" <b>Scarlet Beauty.</b> Deep scarlet	.50	.15
" <b>Velvety Maroon</b>	oz., 75c.	.25 .10
" <b>White</b>	oz., 75c.	.25 .10
" <b>Mixed.</b> All colors	oz., 60c.	.25 .10
<b>Double Mixed</b>	oz., 90c.	.25 .10

### TRITOMA (Red Hot Poker)

**Pfitzeri.** A free blooming, hardy perennial; large spikes of orange-scarlet flowers.

	Large pkt.	Pkt.
<b>Mixed Colors</b>	oz., 75c.	\$0.25 \$0.10

### VALERIANA (Garden Heliotrope)

Hardy perennial border plants; large fragrant flowers, the odor resembling that of the heliotrope; 2 to 3 feet.

	Large pkt.	Pkt.
<b>Mixed Colors</b>	oz., 75c.	\$0.25 \$0.10

### VERONICA (Speedwell)

An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

	Large pkt.	Pkt.
<b>Spicata.</b> Long spikes of bright blue flowers; 18 inches	oz., 75c.	\$0.40 \$0.10

### VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies.

	Large pkt.	Pkt.
<b>Admiration.</b> Dark blue	oz., 75c.	\$0.60 \$0.10
<b>Mauve Queen.</b> Lovely mauve color	.60	.10
<b>Perfection.</b> Light blue	.60	.10
<b>White Perfection.</b> Large white	.60	.10
<b>Mixed.</b> All colors	.50	.10

### VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

	Large pkt.	Pkt.
<b>Golden Gem.</b> Yellow	oz., 75c.	\$0.60 \$0.15
<b>Lutea Splendens.</b> Rich golden yellow	.60	.15
<b>Snowflake.</b> Pure white	.60	.15
<b>Mixed.</b> From the best named Scotch varieties	.50	.15

### VIOLET Sweet Scented (Viola Odorata)

<b>Single Blue Czar.</b> Dark blue	.75	.10
------------------------------------	-----	-----

### WALLFLOWER

Half-hardy perennials of delicious fragrance. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet.

	Large pkt.	Pkt.
<b>Double Brown</b>	oz., 40c.	\$0.60 \$0.10
" <b>Yellow</b>	.60	.10
" <b>Mixed.</b> All colors	.60	.10
<b>Single Mixed</b>	oz., 40c.	.25 .10
<b>Imported Collection.</b> 6 double varieties	.50	
<b>Imported Collection.</b> 6 single varieties	.40	

**Paris Extra Early.** A single-flowering variety, which may be treated as an annual, flowering the first year from seed; 1½ feet.

	Large pkt.	Pkt.
<b>Paris Extra Early Blood Red</b>	oz., 50c.	\$0.25 \$0.10
<b>Paris Extra Early Yellow</b>	.25	.10
<b>Paris Extra Early Mixed.</b> All colors	oz., 60c.	.25 .10

# MICHELL'S DORMANT FIELD-GROWN ROSES FOR FALL PLANTING

Many of the most successful Rose growers prefer planting their Roses in the Autumn. We are now booking orders for strong, two year old Field-Grown budded plants, which will be ready for shipment just as soon as they are properly ripened by frost, which is usually late in October or early in November. Plants shipped in the dormant state take up but very little room and they may be safely shipped by parcel post. If there is danger of the ground freezing before the arrival of the plants, the space where you wish to plant them may be protected by a covering of leaves or other loose litter. When the plants arrive, plant them so that the bud is covered with at least one inch of soil; then make a mound of earth around the base of the plant about twelve inches high; by doing this all of the buds on the lower end of the branches are covered with soil; this covering protects them from the alternate freezing and thawing, which is so injurious. Early in the Spring, before growth starts—but after danger of severe frost is over, this covering of earth should be removed and the plants pruned.

## HARDY HYBRID TEA ROSES

**Columbia.** A most pleasing shade of rose-pink; delightfully fragrant.

**Duchess of Wellington.** Intense saffron yellow changing to coppery yellow.

**Francis Scott Key.** A glorious rose for the garden. A strong grower, producing large, perfectly formed and fragrant flowers, deep red in color.

**Gen. MacArthur.** The blooms are large and very fragrant; color, rich crimson scarlet. For a bedding rose we recommend Gen. MacArthur.

**Golden Ophelia.** Buds and flowers medium size; color, bright golden yellow, \$1.50 each (by mail, \$1.65).

**Gross an Teplitz.** This is a rose for everybody, being the most profuse blooming crimson rose in existence. The color is of the richest scarlet, shading to a velvety crimson; very fragrant.

**H. V. Machin.** Its intensely black-grained, scarlet-crimson blooms are carried on rigid flower-stalks of sturdy, erect growth embellished with ideal, glaucous, beech-green foliage. Has been awarded several medals.

**Jonkheer J. L. Mock.** Bright cherry red on the outside of the petals and shining silvery white on the inside.

**Kaiserin Augusta Victoria.** Flowers large and very fragrant. Pearly white, tinted with lemon.

**Lady Alice Stanley.** A rose that is admired by everyone, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple flesh on the inside.

**Lady Ashtown.** Extremely beautiful flowers of pale carmine-pink, shading to golden yellow at the base of the petals. The blooms are large, globular, and well formed, rather higher in the center than at the edge. Excellent for garden or greenhouse and a profuse bloomer all season until frost.

**Lady Hillingdon.** One of the best Tea Roses of its color, deep apricot yellow throughout. It varies from medium to large size and is very beautiful both in bud and in flower. The plant is hardy, a strong grower and is very floriferous.

**La France.** One of the finest Hybrid Tea Roses. Color, bright pink on the outside of the petals and a lovely silvery pink on the inside.

**Lieutenant Chauré.** A splendid velvety crimson red; fine long buds with petals of cupped form, \$1.50 each (by mail, \$1.65).

**Los Angeles.** A luminous flame pink toned with coral and shaded with translucent gold at the base of the petals. In fragrance it is equal in intensity to the finest Marechal Neil. The buds are long, pointed and extend into a flower of mammoth proportions.

**Miss Lolita Armour.** As the flowers expand they develop to a deep coral red with golden, coppery red suffusion; the base of the petals are a rich golden yellow with coppery red sheen.

**Mme. Caroline Testout.** Bright satiny rose with brighter center; free flowering and fragrant.

**Mme. Edouard Herriot.** This is the celebrated "Daily Mail" rose. In color it is coral red, shaded with yellow and bright rosy scarlet, with yellow at the base.

**Mme. Jules Bouche.** White, center shaded pink; large full flowers.

**Mme. Leon Pain.** Entirely distinct in color, a fine silvery salmon, with deeper orange-yellow shaded center, the reverse of the petals being a salmon-pink; flowers large, full and well formed; very free flowering and a splendid bedding variety.

**Mrs. Aaron Ward.** The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. A favorite everywhere.

**Ophelia.** The flowers held erect on long stems are of perfect form, and of a pleasing shade of light salmon flesh shading to pale yellow at the base of the petals.

**Radiance.** A Rose of American origin and to our mind one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the Summer when many other varieties are out of bloom; color, a beautiful even shade of pink. This Rose should be in every garden.

**Red Radiance.** A bright, cheerful and even shade of cerise-red. In size, foliage and growth an exact duplicate of its parent Radiance. A valuable addition to our list of bedding roses.

**Rose Marie.** One of the best bedding roses. A strong grower and exceptionally free flowering. It produces beautiful long buds which open into large flowers of perfect form. A pleasing clear rose-pink in color.

**William F. Dreer.** The blooms of this variety are shaped similar to the Los Angeles. When expanding the flowers are of a soft, silvery shell pink; the base of the petals are a rich, golden yellow, \$1.50 each (by mail, \$1.65).

Price, any of the above (except where noted), \$1.25 each (by mail, \$1.40); per doz., \$12.00 (by mail, \$13.00); \$90.00 per 100.

## HARDY CLIMBING AND RAMBLER ROSES

**American Pillar.** The large single flowers are a lovely shade of cherry pink, with a clear white eye surrounding numerous golden yellow stamens.

**Aviateur Bleriot** (*The New Yellow Rambler*). A strong grower with large clusters of flowers of a saffron yellow, almost golden yellow in the center.

**Christine Wright.** A beautiful rose of strong climbing habit, producing large double flowers of a wild rose pink.

**Climbing American Beauty.** Bright self colored, medium pink flowers of moderate size. Splendid glossy foliage.

**Dr. W. Van Fleet.** One of the most important climbing roses, having perfectly formed buds, long and pointed, deep pink in color and very solid. Fragrant and fine for cutting.

**Dorothy Perkins.** Beautiful shell pink; fragrant and full, blooming in clusters in June. One of the most popular varieties.

**Excelsa.** Equally as free flowering as the Crimson Rambler, but without the unsatisfactory foliage. Really the best double red rambler.

**Hiawatha.** Brilliant ruby carmine with a clear white eye and a mass of golden stamens.

**Pauls Scarlet Climber.** No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters of from three to six flowers each on much branched canes, the plants being literally covered with flowers from top to bottom. It is of strong climbing habit and perfectly hardy.

**Silver Moon.** Long, well shaped buds, opening into immense Clematis like flowers of a waxy whiteness.

**Tausendschoen.** The flowers are of a most elegant and graceful form. Color, a most delicate shade of soft pink, changing to carmine on the reverse of the petals when fully expanded.

**White Dorothy.** A handsome pure white sport from the old favorite Dorothy Perkins and it has all of the finer qualities found in that charming variety.

Price. Strong plants of any of the above Climbing Roses, \$1.00 each (by mail, \$1.15); per doz., \$10.00 (by mail, \$11.00); \$75.00 per 100.

## VIOLET PLANTS

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring.

**Princess of Wales.** Single blue. Extra large plants, 35c. each (by mail, 40c.); \$3.50 per doz.; per 100, \$22.50.

Year by year these old fashioned hardy flowers are gaining favor and deservedly so, as there is not a time during the whole flowering season when some variety is not in bloom; they are especially valuable during the late Summer and Autumn, when there are but few shrubs in bloom. From early April they continue with constant changing variety throughout the Summer and Fall, when they are stopped only by severe freezing weather. Hardy Perennials appear year after year, and as each variety has a fixed time for blooming, a selection can be made that will give flowers to cut from early Spring until late Fall. The most satisfactory arrangement is to plant them in a border, which can be made in front of a hedge, fence or wall, or in the open garden; the soil should be dug to a depth of 18 inches or two feet, pulverizing it thoroughly and working in a liberal quantity of well decomposed stable manure or other fertilizer. The plants should be placed in groups of three or more of one variety together, the taller growing sorts at the back, the medium heights in the center and the dwarf varieties in front; they should also be placed so as to have some flowers in all parts of the border at all times. This can be easily arranged by referring to our descriptions as to the time of flowering. Our book on "Hardy Perennials" is an instructive publication, and it can be had free on request. We offer here only such varieties as can be planted in the autumn.

All plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants or small numbers of plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

## SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply plants of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipment.

### ACHILLEA (Milfoil or Yarrow)

**Eupatorium** (*Fern-leaved Yarrow*). Finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

**Millefolium Cerise Queen** (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

**Ptarmica Boule de Neige** (*Ball of Snow*). An improvement on the Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centres, which makes it appear purer in color. Price of Achilleas, 30c. each; doz., \$2.50; \$16.00 per 100.

### ACONITUM (Monkshood or Helmet Flower)

**Fischeri**. A dwarf variety growing 18 inches high, with large pale blue flowers in September and October.

**Sparks' Variety**. The darkest blue of all; flowers in June; 3 feet. Price of Aconitums, 40c. each; doz., \$3.50; \$25.00 per 100.

### AGROSTEMMA (Rose Campion)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers, produced during June and July. **Coronaria** (*Mullein Pink*). Bright rosy crimson; 2½ to 3 feet. **Coronaria Alba**. A pure white variety. Price of Agrostemmas, 30c. each; doz., \$2.50; \$15.00 per 100.

### ALYSSUM (Gold Dust or Basket of Gold)

**Saxatile Compactum**. An excellent low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden yellow flowers. 30c. each; doz., \$2.50; \$16.00 per 100.

### ANCHUSA (Sea Bugloss)

**Italica**. "Dropmore Variety." Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue, Forget-me-not-like flowers in June; very showy and valuable. 40c. each; doz., \$3.50; \$20.00 per 100.

### AQUILEGIA (Columbine)

For spring blooming these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their attractive foliage, during May and June. For rockery gardens, semi-shaded places, in hardy borders or planted in clumps, they are very effective.

**Michell's Long-Spurred Hybrids**. This is the most admired type of Columbines. They have been produced from the strains of several famous hybridizers and much superior to the usual grade. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

**Canadensis** (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

**Chrysantha** (*Golden Columbine*). Bright yellow, long-spurred flowers.

**Coerulea** (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

**Rose Queen**. A newer variety of a pleasing shade of delicate pink, long-spurred flowers.

**Vulgaris** (*Common European Columbine*). Violet blue.

Price of all Aquilegias. 35c. each; doz., \$2.50; \$18.00 per 100.

### ARABIS (Rock Cress)

**Alpina**. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Lasts for a long time in bloom. 35c. each; \$2.50 per doz.; per 100, \$15.00.

### ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

**Lauchiana Rosea**. Bright rose.

**Lauchiana Alba**. White.

Price of Armerias, 35c. each; per doz., \$2.50; \$16.00 per 100.

### ARTEMISIA

A most useful class of plants either for the border or for filling in within the shrubbery; highly ornamental foliage. The varieties we offer stand cutting down to 5 or 6 inches when used in carpet bedding.

**Abrotanum** (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

**Stelleriana** (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

Price either of above, 30c. each; per doz., \$2.50; \$16.00 per 100.

### ARTEMISIA LACTIFLORA

A variety of great merit; flowers white, in much branched panicles; very fragrant; 4 ft.; Aug., Sept. Should be planted in fertile, moist soil. 35c. each; doz., \$2.50; \$18.00 per 100.

### ASCLEPIAS (Butterfly Weed)

**Tuberosa**. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 30c. each; per doz., \$2.50; \$15.00 per 100.

### DWARF ALPINE ASTERS

**Alpinus**. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

**Alpinus Albus**. Identical to the above, but with pure white flowers.

Price of Alpine Asters, 35c. each; doz., \$2.75; \$18.00 per 100.

### TWO NEW HARDY ASTERS

**Maggie Perry**. Very large flowers, about 2 inches in diameter, loosely arranged in large trusses of a pleasing shade of mauve. Entirely distinct from any other hardy Aster. 40c. each; per doz., \$3.50.

**Perry's White**. This is without doubt the finest white hardy aster yet introduced; it is a strong grower and during the early Autumn the many branches are literally covered with large flowers, about 2 inches in diameter. The flowers are pure white with golden center and when fully developed the center turns crimson, a striking combination. 40c. each; per doz., \$3.50.

# MICHELL'S HARDY PERENNIAL PLANTS

## HARDY ASTERS

Tall-flowering, stately plants, which may be used with splendid effect in borders or in clumps as specimens on lawns, in large groups or beds. They form the basis of a color scheme in a perennial border during the months of September and October, and last well into November. They thrive equally well in sun or partial shade. For cutting they are invaluable.

### FALL FLOWERING VARIETIES

**Autumn Beauty.** An exquisite shade of light blue; very large flowers, commencing to bloom in the late summer and continuing almost up to frost time; height, about 4 feet.

**Glory of Colwall.** A splendid improvement on the variety Beauty of Colwall, with good-sized, nearly double, ageratumb-blue flowers; remarkably free flowering; 2½ feet, September and October.

**Novi Belgii Climax.** Of strong, vigorous habit, 5 feet high; branched pyramidal-shaped flower stems; lavender-blue flowers. August-October.

**Roseum Superbum.** This is one of the best hardy Asters we have ever seen. The color is almost red; profuse bloomer.

**Snowflake.** Very free bloomer; pure white; height, 2 feet.

**St. Egwin.** Densely branched, producing beautiful pink flowers; 3 feet; September.

Price of Hardy Asters, 35c. each; doz., \$2.75; \$18.00 per 100.

## ASTILBE ARENSDI

This new type is the result of crossing *A. Davidi* with *A. Japonica Compacta*, *Astilboides* and *Thunbergi*. The plants are of very vigorous growth, 2½ to 3½ feet high, producing many branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil.

**Ceres.** Delicate light rose-colored flowers, with peculiar silvery sheen.

**Salmon Queen.** Graceful panicles of a beautiful salmon pink.

**Vesta.** Very graceful plumes of light lilac-rose.

Price of Astilbes, 60c. each; doz., \$5.00.

## BOCCONIA

### (Plume Poppy, or Tree Celandine)

**Cordata.** A noble, hardy perennial, beautiful in foliage and flower; admirably adapted for planting in the shrubby borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. 35c. each; per doz., \$2.50; \$18.00 per 100.

### BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants, with large single, Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time, produces a very showy effect.

**Asteroides.** Pure white; very effective; 5 to 7 feet.

**Latisquama.** Pink, slightly tinged with lavender, 4 to 6 feet.

Price of Boltonias, 35c. each; per doz., \$2.50; \$18.00 per 100.

## CAMPANULA (Bell Flower)

Showy perennial plants of special merit; some are tall, being suitable for borders; others are dwarf, for rockeries and edging. They delight in a good rich loam, preferring a semi-shaded place.

**Calycanthemum (Cup and Saucer).** These are biennials, and last only one season, when planted in the autumn. Pink, white and blue, each color separate; height, 18 inches; June-July.

**Media (Old-fashioned Canterbury Bells).** This is a biennial type, like the *Calycanthemum*, and will last only one season, when planted in the autumn. It flowers freely in June, July and August, and grows 3 to 4 feet high. Blue, pink and white, in separate colors.

**Pyramidalis (Chimney Bell Flower).** The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of procelain blue flowers in August.

Price of Campanulas, 35c. each; per doz., \$2.50; \$16.00 per 100.

## HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers next season. 35c. each; per doz., \$2.50; \$16.00 per 100.

## NEW HARDY CARNATION

### "Miss America"

This is a decided acquisition to the hardy garden, flowering freely from early Summer until very late in the Autumn. In fact it has been seen in full bloom when snow was on the ground. The flowers are bright crimson, and borne on long stiff stems; equal in size to the Winter flowering Carnations grown under glass and are distinctly clove scented.

This new Carnation is worthy of a place in every garden and it also makes an excellent subject for the window garden, as it flowers freely at all times. Strong young plants from pots 50c. each; doz., \$5.00.

## CENTAUREA (Hardheads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

**Montana (Perennial Corn Flower).** Grows 2 feet high, bearing large violet blue flowers from July to September.

**Montana Alba.** Large white variety of the above.

Price of Centaureas, 35c. each; per doz., \$2.50; \$18.00 per 100.

## CHRYSANTHEMUM

**Shasta Daisy, Alaska.** A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. 35c. each; per doz., \$2.50; \$15.00 per 100.

## COREOPSIS

**Lanceolata Grandiflora.** Flowers rich golden yellow and of graceful form; fine for cutting. A few plants make a handsome display, either planted individually or in clumps; dozens of flowers are produced on a single plant, and where quantity and quality are wanted *Coreopsis* should be planted; June till October. 30c. each; per doz., \$2.50; \$15.00 per 100.

## DELPHINIUMS OR HARDY LARKSPURS

In order to keep Larkspurs in bloom continuously during the summer, cut the old flower stems off, after they have faded, and new shoots will produce flower heads in succession. To get the best out of hardy Larkspurs in the way of flowers, feed them occasionally during the growing season with an application of ground bone. A slight covering of long straw or leaves over the crowns of the plants during winter will prove a great benefit.

**Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

**Bellamosum.** A dark blue form of *Belladonna* with which it is identical excepting in color, which is a rich deep blue.

**Chinense.** A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

**Chinense Album.** A pure white form of the above.

**Michell's Gold Medal Hybrids.** Unquestionably the finest strain of mixed hybrids offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price of Delphiniums, 35c. each; doz., \$2.50; \$15.00 per 100.

## DIANTHUS (Garden Pinks)

For edging hardy borders, garden walks, or planted in rock gardens, these fill an important place. They are at their height of bloom in June.

**Deltoides (Maiden Pink).** A continuous flowering variety with pink flowers. Especially suited for rock work.

**Deltoides Alba.** White flowers.

**Latifolius Atrococcineus Fl. Pl. (Ever-blooming Hybrid Sweet William).** A splendid variety with crimson, double flowers.

Price of Dianthus, 35c. each; doz., \$2.50; per 100, \$15.00.

## DIELYTRA or DICENTRA

### (Bleeding Heart or Seal Flower)

**Spectabilis.** An old fashioned favorite, its long sprays of graceful heart shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. 50c. each; per doz., \$5.00.

## DIGITALIS (Foxglove)

These will do well in semi-shaded spots; plants grow from 4 to 6 feet high; flower in June.

**Gloxinaeflora.** White, pink, purple, lilac, each separate. 30c. each; doz., \$2.75; \$18.00 per 100.

## ERYNGIUM (Sea Holly)

**Amethystinum.** The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. 35c. each; doz., \$3.50.

## EUPATORIUM

**Coelestinum.** A pretty hardy plant, with light blue flowers similar to the *Ageratum*. Blooms freely from August until frost; a splendid cut flower. 18 to 24 inches. 35c. each; doz., \$2.50; \$18.00 per 100.

## HARDY FERNS

The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year; they die down in winter and break forth again in May.

**Adiantum Pedatum** (*Maidenhair Fern*). 12 inch.

**Aspidium Acrostichoides** (*Christmas Fern*). 12 inch.

**Asplenium Filix Foemina** (*Lady Fern*). 12-15 inch.

**Cystopteris Bulbifera** (*Bulblet Bladder Fern*). 24 inch.

**Dicksonia Punctilobula** (*Gossamer Fern*). 18 inch.

**Onoclea Struthiopteris** (*Ostrich Fern*). 24-36 inch.

—**Sensibilis** (*Sensitive Fern*). 12 inch.

**Osmunda—Cinnamonea** (*Cinnamon Fern*). 24 inch. 50c. each; per doz., \$5.00.

—**Claytoniana.** 24 inch. 50c. each; per doz., \$5.00.

**Woodsia Illvensis.** Excellent for rock-work, requiring little soil and thriving best in the sunniest corner. 6 inch.

Price of Ferns, except where noted, 40c. each; doz., \$2.50; \$18.00 per 100.

## GAILLARDIA (Blanket Flower)

Beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 feet.

**Grandiflora.** Dark brown centre, petals on the outer edge are yellow, and the centre is surrounded with a rich orange disc. 30c. each; per doz., \$2.50; \$15.00 per 100.

## GRASSES (Hardy Ornamental)

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

**Elymus Glaucus** (*Blue Lime Grass*). A graceful growing type with narrow silvery blue foliage; a dwarf compact grower; height, 3 feet.

**Erianthus Ravennae** (*Plume Grass or Hardy Pampas*). Deep green narrow foliage, growing about 10 feet high.

**Eulalia Gracillima Univittata** (*Japan Rush*). Graceful narrow foliage, growing 5 to 6 feet. Green with silvery rib.

**Eulalia Japonica Variegata.** An attractive variety with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

**Eulalia Japonica.** Like the variegated variety, except that it is entirely green.

**Eulalia Japonica Zebrina.** Dark green foliage, crossmarked horizontally golden yellow. One of the best of hardy Grasses.

**Phalaris Arundinacea Variegata** (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 inches.

**Pennisetum Japonicum** (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet.

Price of Hardy Grasses, 35c. each; doz., \$3.50; \$22.00 per 100.

## GYPSOPHILA (Baby's Breath)

During August and September this is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep for months without water.

**Paniculata.** Feathery sprays of white flowers; useful for effects in bouquets. 35c. each; doz., \$2.50; \$15.00 per 100.

## HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil, in a sunny location. The flowers are splendid for cutting.

**Autumnale Rubrum.** Bright, terra-cotta red; 5 feet.

**Riverton Beauty.** Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

Price of Heleniums, 35c. each; per doz., \$2.50; \$18.00 per 100.

## HELIANTHEMUM (Sun Rose)

A very pretty family of evergreen plants, covered during May and June, and more or less throughout the summer, with flowers of the most brilliant colors; valuable for rockeries.

**Perry's Variety.** Mixed varieties, all colors. June to August; height, 12 inches. Price, 35c. each; doz., \$3.50; \$25.00 per 100.

## HELIANTHUS (Hardy Sunflower)

Very effective in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

**Maximiliana.** The latest of all, blooming profusely in October; the fine golden yellow flowers appear in long graceful sprays; splendid for cutting; 5 to 7 feet.

**Multiflorus Fl. Pl.** Large, double golden yellow; July-August; 4 feet.

**Rigidus Japonicus.** One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Price of Helianthus, 35c. each; doz., \$2.50; \$16.00 per 100.

## HELIOPSIS (Orange Sunflower)

This genus is very similar to the Helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the summer.

**Pitcheriana.** One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting. 2 to 3 feet.

**Scabra Excelsa.** Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.

Price of Heliosis, 35c. each; doz., \$2.50; \$18.00 per 100.

## HEMEROCALLIS (Yellow Day Lily)

Lily-like plants, flowering in great profusion during the summer, making a fine cut bloom.

**Aurantiaca.** Large, trumpet-shaped, orange yellow flowers; reverse of petals bright Indian yellow; sweet scented.

**Fulva** (*Tawny Day Lily*). Trumpet shaped flowers; coppery orange shaded crimson; June and July.

**Kwanso Flore Pleno** (*Double*). Coppery red; July; 3 feet high. Price of Hemerocallis, 35c. each; doz., \$2.50; \$15.00 per 100.

## HIBISCUS (Mallow)

**Giant Flowering.** A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season. They attain a height of 6 to 7 feet, have beautiful lacinated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors, red, pink, and white or mixed colors. 40c. each; doz., \$3.50; \$25.00 per 100.

## HOLLYHOCKS (Double)

These thrive best in soil that is not too wet, which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plants in early spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer the following colors in double flowering only (each separate):

**Yellow, Crimson, Pink, White.** 35c. each; doz., \$2.75; \$18.00 per 100.

## IBERIS (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of flowers. For borders and rockeries they are unsurpassed.

**Sempervirens.** Pure white flowers; 1 foot. 35c. each; doz., \$2.50; \$18.00 per 100.

## LIATRIS (Blazing Star, or Gay Feather)

**Pycnostachya.** Showy and attractive native plants, succeeding anywhere, producing spikes of light rosy-purple flowers in July and August; 5 feet. 35c. each; \$2.50 per doz.; per 100, \$15.00.

## LILY OF THE VALLEY

For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long, the latter part of May. Clumps, 60c. each; doz., \$6.00; \$45.00 per 100.

# MICHELL'S HARDY PERENNIAL PLANTS

## IRIS GERMANICA (Fleur de Lis)

No garden or perennial border is complete without a planting of Iris; they thrive most anywhere, being absolutely hardy under most all conditions.

**Bridesmaid.** White, shaded silvery lilac. 30c. each; doz., \$2.50; \$15.00 per 100.

**Fro.** Standards deep gold; falls chestnut brown; a highly colored variety. 40c. each; doz., \$3.50; \$25.00 per 100.

**Halfdan.** Large, creamy white flowers of good substance. 30c. each; doz., \$2.50; \$15.00 per 100.

**Monsignor.** Standards satiny violet; falls velvety purple crimson, with lighter margin; very large flower. 40c. each; doz., \$3.50; \$25.00 per 100.

**Mrs. Alan Gray.** Standards and falls delicate pale rosy mauve; medium early. 40c. each; doz., \$3.50; \$25.00 per 100.

**Navajo.** Standards light bronzy yellow, shaded lavender; falls deep maroon, veined white and yellow; stigmas yellow; deep orange beard. 40c. each; doz., \$3.50; \$25.00 per 100.

**Nibelungen.** Standards fawn yellow; falls violet purple with fawn margin; a handsome, large flowering variety. 30c. each; doz., \$2.50; \$15.00 per 100.

**Pallida Dalmatica.** Standards and falls clear lavender blue, shading to pale silvery blue at the base; large spreading flowers, sweetly scented. This variety is much confused with other Pallida types, which have been widely distributed under this name. The true Dalmatica can be easily distinguished by its form and light silvery shading at the base of the petals and its heavy glaucous foliage. 40c. each; doz., \$3.50; \$25.00 per 100.

**Pallida Mandraliscae.** Rich, lavender purple; tall, large and handsome, very early. 40c. each; doz., \$3.50; \$25.00 per 100.

**Powhatan.** Standards light bishop violet with deeper border; falls deep purple, shaded crimson; large, horizontal spreading flower. 40c. each; doz., \$3.50; \$25.00 per 100.

**Queen of May.** Standards and falls lovely, soft rose lilac, almost pink. 30c. each; doz., \$2.50; \$15.00 per 100.

**Tineae.** Standards and falls deep blue, shaded lilac; fine large flower. 30c. each; doz., \$2.50; \$15.00 per 100.

**Walhalla.** Standards light, lavender blue; falls satiny violet blue. 30c. each; doz., \$2.50; \$15.00 per 100.

**Wyomissing.** Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh colored border. 40c. each; doz., \$3.50; \$25.00 per 100.

**Mixed German Iris.** 20c. each; per doz., \$1.50; \$10.00 per 100.

## IRIS KAEMPFERI (Japanese Iris)

The King of all Iris and in popularity they can be classed with the Hardy Phlox and Paeonies; coming into flower about the middle of June, they continue for five or six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower buds.

**Aspasie.** Single; color, soft mauve blue.

**Eumee.** Single flowers; purple veined darker purple.

**Gold Bound.** A fine double pure white, enriched by a creamy glow from the gold banded center.

**Kumo-No-Obo.** Six large, royal purple petals with a yellow center, radiating into lines; a most brilliant variety.

**Mahogany.** Large double flowers; the latest to bloom; color, purple mahogany red; the erect petals are prettily crested.

**Midnight.** Large single flowers, deep purple in color.

**Nagano.** Rich violet purple, shaded with blue; six petals.

**Ondine.** Very large, single pure white flowers.

**Proserpine.** Single, bright rich blue, produced by sanding of velvety blue on white.

**Purple and Gold.** Enormous double flowers, ten inches across; early and free blooming; color, rich, violet purple with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays.

**Reine de Bulgarie.** Soft lilac; lemon yellow throat; very good.

Price, any of the above named sorts of Japanese Iris, 40c. each; doz., \$4.00; \$30.00 per 100.

**Mixed Japanese Iris.** All colors and shades. 25c. each; doz., \$2.50; \$17.50 per 100.

## LYCHNIS (Camplon)

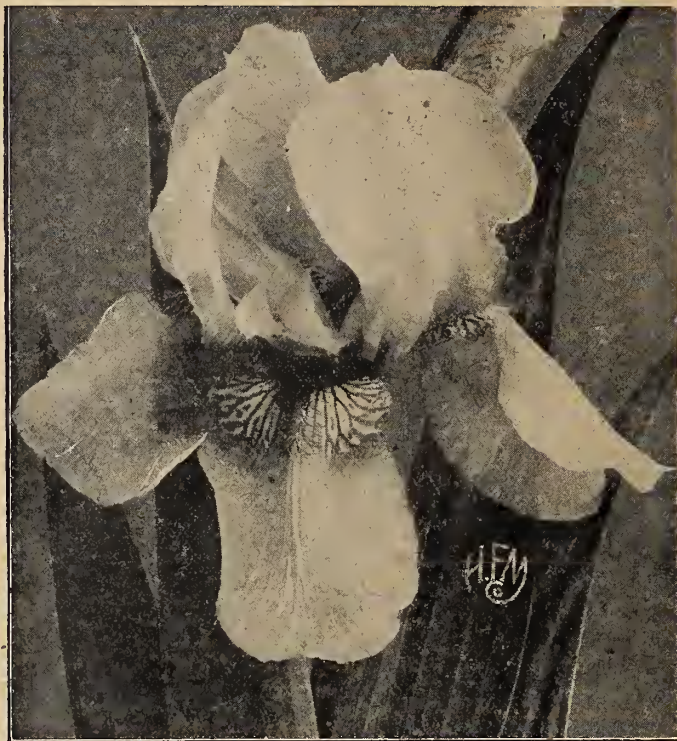
Of easy culture, thriving in any soil; this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

**Chalcedonica.** A most desirable plant; heads of brilliant orange-scarlet flowers in June and July; grows 2 to 3 feet high.

**Chalcedonica Alba.** A white-flowered form of above.

**Viscaria.** Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red flowers; 1 foot.

Price of Lychnis, 35c. each; doz., \$2.50; per 100, \$18.00.



*Iris Germanica*

## LATHYRUS (Everlasting or Perennial Sweet Peas)

The perennial pea is one of the hardiest and most easily cultivated species, thriving almost anywhere. It is a good trellis plant, and is adapted as a cover to wild, rough places.

**Latifolius.** Large deep red flowers on long stems in constant succession. 6 feet.

—**Pink Beauty.** Clusters of large beautiful shell-pink flowers. Price, either of above, 35c. each; doz., \$3.00.

—**White Pearl.** Most beautiful of all everlasting peas with pure white flowers, which are about double the size of the ordinary Lathyrus Latifolius albus. Price, 50c. each; doz., \$5.00.

## LOBELIA

Handsome border plants thriving in any good garden soil but preferring a moist loam where they will not suffer from drought.

**Cardinalis (Cardinal Flower).** Rich fiery cardinal flowers. 35c. each; doz., \$2.50; \$15.00 per 100.

## LUPINUS (Lupins)

These flower in May and June; are 3 to 4 feet high.

**Polyphyllus.** Blue. Very showy.

**Polyphyllus White.** **Polyphyllus Pink.**

Price of Lupinus, 35c. each; doz., \$3.50; \$25.00 per 100.

## LYSIMACHIA

**Clethroides (Loose-strife).** A fine hardy variety about 2 feet high; dense, recurved spikes of white flowers from July to September.

**Nummularia (Creeping Jenny, or Money-wort).** Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

Price of Lysimachias, 35c. each; doz., \$2.50; \$16.00 per 100.

## MERTENSIA (Blue Bells)

**Virginica.** An early spring flowering plant growing 1 to 1½ feet high with drooping panicles of handsome light blue flowers fading to clear pink; May and June. 35c. each; doz., \$2.50; \$15.00 per 100.

## MONARDA (Bergamot)

**Didyma Cambridge Scarlet (Oswego Tea).** Crimson scarlet.

—**Rosea (Bee Balm).** Flowers of a rose color, and sweetly fragrant foliage; 18 inches; July to September.

Price of Monardas, 35c. each; doz., \$2.50; \$16.00 per 100.

## OENOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, either in the border or on the rockery.

**Missouriensis.** Large golden-yellow. 1 foot. 35c. each; per doz., \$2.50; \$15.00 per 100.



Our list of Paeonies is not a long one, but it has been made up carefully with the idea of offering the best and most distinct varieties. The selection gives a wide range of color and a long season of bloom as it includes early, midseason and late varieties.

With the standard well known sorts are included some of the newer and rare varieties which will prove a revelation to those who have never seen them.



*Paeony, Sarah Bernhardt*

**Grover Cleveland (Terry 1904).** Rose type. Very large and full dark crimson flowers. Strong vigorous grower with upright stems; blooms in clusters, only fairly free. Especially desirable on account of being practically the only late dark crimson. \$1.75 each.

**Jubilee (Pleas 1910).** Rose type. Extremely large flat flower, having long, narrow petals arranged loosely, giving a feathery effect; buds show opal tints; as they unfold the color changes to ivory white. Unlike other Paeony buds, which are round, these are pointed like a rose; fragrant. Strong grower and free bloomer; long stems. A very distinctive variety and a great favorite. Midseason. \$7.50 each.

**Karl Rosenfield (Rosenfield 1908).** Semi-rose type; midseason. Very large globular compact flower, rich dark crimson in color; very strong, tall compact grower and free bloomer. A brilliant and striking variety, attracting universal attention. \$2.50 each.

**La Tendresse (Crousse 1896).** Very full large flowers borne in clusters. Color, milk-white, sometimes splashed with carmine. Tall, strong grower, free bloomer and fragrant. Rose type. Midseason. \$1.00 each.

**Lady Alexander Duff (Kelway 1902).** An immense cup shaped flower of rose type with wide imbricated petals. The color of the outer petals is delicate blush pink rapidly fading to lovely French white; central flower of rather flattened circular form and the central petals have a touch of carmine. Lateral buds come in semi-double, water lily-like flowers, exposing the anthers; showy, fragrant and very prolific. Robust, strong grower, thriving in all sections. \$4.00 each.

**Marie Crousse (Crousse 1892).** Bomb type. Enormous, full globular blooms of very delicate shell-pink, formed of rather incurved petals, interspersed with an irregular ring of yellow staminoids; a very attractive flower. Strong, vigorous grower with tall erect stems. Midseason. \$2.50 each.

**Mme. Emile Lemoine (Lemoine 1899).** Semi-rose type. Large, globular, compact flower; color on first opening glossy white, overlaid with a sheen of tender satiny pink, covered with minute lilac dots. Tall, strong grower and free bloomer. Very beautiful and one of the finest white varieties. Midseason. \$1.00 each.

**Mons. Jules Elie (Crousse 1888).** Bomb type. Very large flowers of ideal glossy shell-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver; very fragrant. Such a strong vigorous grower that it will produce enormous flowers on one year plants. Medium height, but a very prolific bloomer. One of the most popular and meritorious varieties ever produced; excellent for both landscape work and cut flowers. Early midseason. \$1.50 each.

**Pierre Reignoux (Dessert 1908).** Semi-rose type; early midseason. An even shade of Tyrian rose, center flecked crimson, with imbricated petals. Dwarf erect habit. \$1.25 each.

**Reine Hortense (Calot 1857).** Midseason. Enormous, compact flat flower of soft flesh color, deepening to shell pink; center showing crimson splashes, sometimes faint stripes on the face of the petals; well formed and very striking; deliciously fragrant. A vigorous grower and profuse bloomer. Rose type. Fine for cut flowers and usually in bloom just about Decoration Day. \$2.00 each.

**Sarah Bernhardt (Lemoine 1906).** Semi-rose type; late midseason. Very large flower of perfect form, full and double with twisted imbricated petals; color apple-blossom pink with each petal silver tipped. Strong grower, free bloomer and very fragrant. One of the finest and most dependable Paeonies ever produced, attracting attention in every garden. \$2.00 each.

**Queen Victoria (Kelway).** Bomb type. The old favorite pure white. Free and early bloomer; large well formed flowers of excellent substance. 50c. each.

## PAEONIES IN COLORS

	Each	Doz.	100
Double Pink.....	\$0.35	\$3.75	\$27.50
Double Red.....	.40	4.25	32.50
Double White.....	.35	3.75	27.50
Double Mixed. All colors.....	.35	3.50	25.00

**Albert Crousse (Crousse 1892).** Bomb type. Large, well formed flowers of soft shell pink, with faint salmon tints. Vigorous grower with tall erect stems. Fine as a cut flower. Late. \$1.00 each.

**Armandine Mechin (Mecin 1880).** Rose type. Large, compact, flat bloom of rich crimson shaded garnet and amaranth; very brilliant. Midseason. \$1.00 each.

**Couronne d'Or (Calot 1873).** Semi-rose type; late. Immense very full imbricated flat flowers, solid and compactly built; pure white with a ring of yellow stamens around a tuft of center petals tipped carmine. The whole flower glows with a delightful golden light, gaining the title of "Crown of Gold." Medium tall, robust grower and very free bloomer. 75c. each.

**Edulis Superba (Lemon 1824).** Crown type; very early. Beautiful, bright, clear mauve pink with silvery reflex. Decoration Day Paeony. 60c. each.

**Felix Crousse (Crousse 1881).** Rose type; late midseason. Rich, dazzling ruby red without a tinge of purple. \$1.00 each.

**Festiva Maxima (Mieliez 1851).** Rose type; early. The finest white in existence; pure white with clear carmine spot on edge of center petal. 75c. each.

**Fragrans (Banks 1805).** Bomb type. Compact full flowers of deep solferino red with slight silvery reflex; strong vigorous grower and free bloomer. Late; extensively grown for cut flowers. 60c. each.

**Germain Bigot (Dessert 1902).** Crown type. Very large, compact flower composed of broad petals; color, lilac rose, center prominently flecked crimson. Strong erect grower with medium tall stems; very free blooming. Midseason. \$1.50 each.

# MICHELL'S SUPERB HARDY PHLOXES

Among hardy herbaceous plants none are more easily grown than these. They are perfectly hardy, succeeding in any garden soil, and produce magnificent spikes of showy and lasting flowers year after year with comparatively little care. They are indispensable for brilliant, bold color effects in mass during the late summer and autumn as it would be difficult to maintain the display of dazzling color without them during July and August, at a time when there is hardly anything else in bloom that can be depended upon.

- Bacchante.** Tyrian-rose, with a crimson-carmine eye.  
**Baron von Dedem.** Deep pink, suffused orange; immense trusses.  
**Beacon.** Brilliant cherry-red; a new variety and one of the best.  
**Eclairer.** Brilliant rose-magenta, with lighter halo.  
**Elizabeth Campbell.** Bright salmon-pink, with lighter shadings and dark red eye. 50c. each; per doz., \$5.00.  
**Eugene Danzavilliers.** Delicate lavender; a very attractive and decorative color; immense flowers. The peer of its color.  
**Europa.** Blush white, with a large deep pink centre; the flower truss is very large, while the florets are also of gigantic size.  
**Jules Sandeau.** Dwarf; very large flowering; pure pink; an extra fine variety.  
**L'Esperance.** Light lavender-pink with white center.  
**Montagnard.** Dark purple claret; large spikes and flowers.  
**Mrs. Jenkins.** The best pure white.  
**Rheinlander.** Deep salmon pink, with a distinct bright red eye.  
**Rheinstrom.** A splendid new phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.  
**Thor.** Deep salmon pink, suffused with scarlet; a white halo surrounds the aniline red eye.  
**Von Lassburg.** The queen of all clear white phloxes; trusses and single flowers are immense in size; rather dwarf.

Price of all varieties Hardy Phloxes, except where noted, extra strong roots which will flower next season, 35c. each; doz., \$2.50; \$15.00 per 100.

## PHLOX SUBULATA

**Alba (Moss Pink).** Moss evergreen-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.

**Lilacina.** A beautiful shade of lilac.

**Rosea.** The same as above but with pure pink flowers.

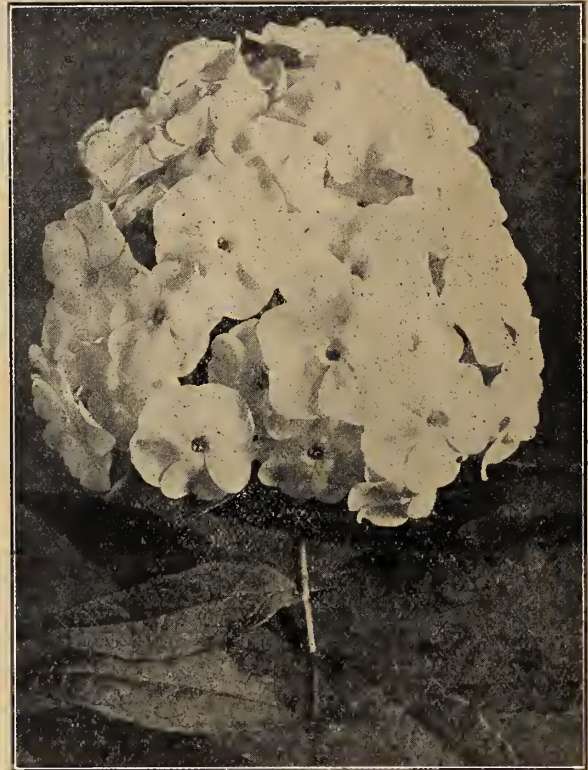
Price of the above 35c. each; doz., \$2.50; \$15.00 per 100.

## MISCELLANEOUS VARIETIES OF PHLOX

**Amoena.** A beautiful plant, with soft rose-colored flowers; one of the best for rockeries or borders; 4 inches high; April-May.

**Divaricata Canadensis.** A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Price of the above Phlox, 35c. each; doz., \$2.50; \$15.00 per 100.



Hardy Phlox, Mrs. Jenkins

## PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.

**Terminalis.** Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 30c. each; doz., \$2.50; \$15.00 per 100.

## PENTSTEMON (Beard Tongue)

Most useful showy perennials, either for the border or rockery. They are perfectly hardy.

**Barbatus Torreyi.** Spikes of brilliant scarlet flowers; height, 3 to 4 ft.; June to August.

**Multiflorus Roseus.** A compact growing variety, not over 2½ feet in height; the flowers are produced freely from June to August and are of a pleasing shade of coral-pink.

Price of Pentstemons, 35c. each; doz., \$3.00; \$18.00 per 100.

## PHYSALIS (Chinese Lantern Plant)

**Francheti.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high and producing freely bright orange scarlet, lantern-like fruits; highly interesting. 35c. each; doz., \$2.50; \$15.00 per 100.

## PHYSOSTEGIA (False Dragon-Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

**Virginica.** Bright but soft pink.

—Alba. Pure white; very fine.

Price of Physostegias, 35c. each; doz., \$2.50; \$16.00 per 100.

## NEW PERPETUAL FLOWERING HARDY PINKS (Dianthus Allwoodi)

This is a most important addition to worth while perennials. They are perfectly hardy and flower continuously from early Spring until late in the Autumn. The flowers are much larger than the old type of Hardy Pinks and are borne on long stems suitable for cutting; deliciously clove scented.

**Jean.** Pure white with purple center.

**Mary.** Pale rose-pink with light maroon center.

**Robert.** Delicate shade of old rose with light maroon center.

Price of above Hardy Pinks, 35c. each; doz., \$3.50; \$20.00 per 100.

## PINKS, HARDY GARDEN (Double)

These old-fashioned favorites, bearing their clove-scented flowers during the spring and early summer, are splendid cut blooms.

**Elsie.** Bright rose with maroon centre.

**Essex Witch.** Delicate pink, finely fringed.

**White Reserve.** An everblooming variety, double pure white.

Price of above, 35c. each; doz., \$2.50; \$15.00 per 100.

## PLATYCODON

### (Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

**Grandiflorum.** Deep blue cupped, star-shaped flowers.

—Album. A white-flowered form of the above.

Price of Platycodons, 35c. each; doz., \$2.50; \$15.00 per 100.

## PLUMBAGO (Lead-Wort)

**Larpentae.** One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall months. 35c. each; doz., \$2.50; \$15.00 per 100.

## ORIENTAL POPPIES (*Papaver Orientale*)

**Goliath.** One of the most effective; flowers of a rich scarlet; the largest flowered of this class.

**Mrs. Perry.** A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden.

**Perry's White.** Pure satiny white with a bold crimson blotch at the base of each petal.

Price of Oriental Poppies, 35c. each; doz., \$3.00; \$18.00 per 100.

## ICELAND POPPIES (*Papaver Nudicaule*)

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Blooms the entire summer.

**Orange, Yellow, White;** each color separate. Price, 35c. each; doz., \$2.50; \$18.00 per 100.

## PRIMULA (*Hardy Primrose*)

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and are worthy of a place in every hardy garden. As a hardy border edging, as well as for rockery planting, it can be highly recommended.

**Veris (*English Cowslip*).** A mixture comprising the various shades of red and yellow; a splendid plant for the spring blooming garden.

**Vulgaris (*English Primrose*).** Beautiful light canary yellow; long flower stems with large trusses.

Price of Primulas, 35c. each; doz., \$2.50; \$15.00 per 100.

## PYRETHRUM (*Giant Daisy*)

**Uliginosum.** Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 35c. each; \$2.50 per doz.; per 100, \$16.00.

## PYRETHRUM HYBRIDUM

A good old-fashioned perennial resembling colored daisies, blooming in June. They will succeed in any good garden soil in a sunny position and do best when left undisturbed for 2 or 3 years, but they should be given an annual top dressing of well rotted manure.

**Single Flowering.** Mixed colors only, ranging from pure white to dark red. 35c. each; per doz., \$2.50; \$16.00 per 100.

## RANUNCULUS (*Crowfoot Buttercup*)

**Acris Fl. Pl.** A double flowered form of our common buttercup; 2 feet; May and June.

**Repens Fl. Pl. (*Bachelor's Buttons*).** A pretty double flowering, bright golden buttercup, bearing masses of flowers during May and June.

Price of Ranunculus, 35c. each; doz., \$2.50; \$16.00 per 100.

## RUDBECKIA (*Cone-Flower*)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom; well suited for cutting.

**Golden Glow.** A well-known popular plant, attaining a height of 5 to 6 feet; produces masses of double golden-yellow, Cactus Dahlia-like flowers from July to September.

**Nitida "Autumn Sun."** An attractive single-flowering variety, growing 5 to 6 feet high, with long, broad petals of bright primrose-yellow; August to October.

**Purpurea (*Giant Purple Cone-flower*).** Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped centre of brown; forms bushy plants 3 feet high and blooms from July to October.

Price of Rudbeckias, 35c. each; doz., \$2.50; per 100, \$16.00.

## SALVIA (*Meadow-Sage*)

Perennials with strikingly beautiful, orchid-like bloom, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

**Azurea Grandiflora (*Rocky Mountain Sage*).** Sky-blue flowers in greatest profusion during August and September; 6 feet.

Price, 35c. each; doz., \$2.50; \$18.00 per 100.

## SCABIOSA

The flowers are gigantic, measuring frequently 3 inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal; it lasts a long while in water; the average height is about 2½ feet. Very free flowering.

**Caucasica.** A delicate shade of lavender blue, starting in flower in June and lasting well through the summer.

**Caucasica Alba.** White. Like the above, except the color.

Price of Scabiosas, 35c. each; doz., 3.00; \$20.00 per 100.

## SEDUM (*Stonecrop*)

### DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

**Acre (*Golden Moss*).** Much used for covering graves; has green foliage and bright yellow flowers.

**Sieboldi.** Round succulent glaucous foliage with bright pink flowers during August and September.

**Stahli.** A species with compact crimson foliage in the Autumn.

### ERECT GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late Summer and Fall.

**Spectabile.** Immense heads of handsome, showy rose colored flowers.

**Spectabile "Brilliant."** A rich colored form of the above, being a bright amaranth red.

Prices of any of the above Sedums, 35c. each; doz., \$2.50; \$16.00 per 100.

## SOLIDAGO (*Golden Rod*)

**Golden Wings.** The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 35c. each; doz., \$2.50; \$16.00 per 100

## SPIRAEA (*Goat's Beard, Meadow Sweet*)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location.

**Filipendula (*Dropwort*).** Numerous corymbs of white flowers on stems 15 inches high, during June and July; fern-like foliage.

**Palmata (*Crimson Meadow Sweet*).** The deep purple red of the stems and branches passes into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

**Ulmaria Fl. Pl. (*Meadow Sweet*).** Double white flowers during July and August; 3 feet.

Price of Spiraeas, 40c. each; doz., \$4.00; \$25.00 per 100.

## STATICE (*Sea Lavender*)

**Latifolia (*Great Sea Lavender*).** A handsome border plant with heads of dark blue flowers; invaluable for cutting, the flowers, when dried, lasting for months. 1 to 2 feet. 35c. each; doz., \$2.75; \$16.00 per 100.

## STOKESIA (*Cornflower Aster*)

**Cyanea.** Very light blue.

**Cyanea Alba.** Pure white.

Price of Stokesias, 35c. each; doz., \$2.50; \$15.00 per 100.

## SWEET WILLIAM (*Dianthus Barbatus*)

**Michell's Prize Mixture.** In all colors.

**Pink Beauty (*Sometimes called Newport Pink*).** A splendid shade of salmon with immense flower trusses. When massed it is a striking feature of the perennial garden; extra fine novelty.

Price of Sweet Williams, 30c. each; doz., \$2.50; \$15.00 per 100.

## THALICTRUM (*Meadow Rue*)

**Adiantifolium.** A beautiful variety; foliage like the Maiden Hair Fern; miniature white flowers in June and July; 1½ to 2 feet. 35c. each; \$2.75 per doz., \$18.00 per 100.

## TRILLIUM (*Wood Lily, or Wake Robin*)

**Erectum.** This is the Purple Wood flower; the earliest to bloom.

**Grandiflorum.** The largest white; probably the handsomest.

Price of Trilliums, 25c. each; per doz., \$2.00; \$12.00 per 100.

## VALERIANA (*Valerian*)

**Officinalis (*Hardy Garden Heliotrope*).** Showy heads of rose-tinted white flowers during June and July; 3 to 4 feet. 35c. each; doz. \$2.50; \$15.00 per 100.

## VERONICA (*Speedwell; Cancerwort*)

**Amethystina.** Amethyst-blue flowers on short spikes; one of the best. 1 to 3 feet. May to June.

**Longifolia Subsessilis (*Japanese Speedwell*).** A strong grower and undoubtedly the finest of all the Veronicas; rich blue flowers on tall spikes. Fine for cutting; 3 feet; July and August.

Price of Veronicas, 35c. each; doz., \$2.75; \$18.00 per 100.

## VINCA (*Periwinkle or Myrtle*)

**Minor.** Evergreen foliage and pretty lavender flowers which appear in Spring and Fall. Extra strong plants. 30c. each; doz., \$2.00; \$12.00 per 100.

**Aurea.** Identical in habit and value with the Minor type, except that the foliage is green, margined yellow. It is fast becoming very popular by reason of the brilliant show it makes. 35c. each; doz., \$2.50; \$15.00 per 100.

Vines play an important part in the landscape of the home. There are so many purposes they fill that we cannot recommend too highly their general use.

**AKEBIA—Quinata.** A quick-growing vine; small, fine-lobed, half-evergreen leaves, and purplish brown or chocolate-colored flowers, which have a delicious odor. This plant is highly desirable where a dense shade is not desired. Extra strong plants, 50c. each; doz., \$5.00.

**AMPELOPSIS—Quinquefolia** (*Virginia Creeper*). The large handsome, dark green leaves are deeply cut into five lobes; in the autumn the foliage turns a beautiful rich crimson; especially adapted to covering tree stumps and trunks. Extra strong plants, 50c. each; per doz., \$5.00.

**AMPELOPSIS—Veitchii** (*Boston Ivy*). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the autumn turn to a coppery red. Strong plants, 40c. each; per doz., \$4.00; \$27.50 per 100.

**ARISTOLOCHIA—Sipho** (*Dutchman's Pipe*). Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants, \$1.00 each.

**BIGNONIA—Radicans** (*Trumpet Vine*). A strong-growing vine, with rich green foliage and trumpet-shaped flowers, dark red, throat shaded orange; free flowering. Strong plants, 75c. each.

**CELASTRUS SCANDENS** (*Bittersweet or Waxwort*). A vine of rapid growth. In the early summer it produces yellow flowers, which by autumn have turned to bright, orange-colored fruits, with red markings. Extra strong plants, 75c. each.

**CLEMATIS—Paniculata** (*Japanese Virgin's Bower*). A strong, luxuriant grower, with light green foliage. At the close of August innumerable small, star-like flowers cover the vine in a sheet of fragrant white. It delights in plenty of sunlight, rich soil and plenty of water in dry weather. Strong plants, 30c. each; per doz., \$3.00; \$18.00 per 100. Extra strong plants, 50c. each; per doz., \$5.00; \$35.00 per 100.

**EVONYMOUS—Radicans.** Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow growing habit is desired; green foliage. Extra strong plants. 50c. each; doz., \$5.00; \$30.00 per 100.

—**Variegata.** Leaves are variegated; otherwise like the above variety. 35c. each; doz., \$3.50; \$25.00 per 100.

—**Vegeta.** This plant is regarded far too little in importance as a strictly A-1 variety for climbing stone walls of buildings or otherwise; it ranks favorably with English Ivy, except that it is evergreen and does not winter kill or shed its foliage. The foliage is larger than that of the type *Radicans*, and the plant produces an orange-colored berry, which remains on the plant the most part of the winter. *Evonymous Vegeta* should be planted more extensively than it is. Extra heavy plants. 50c. each; doz., \$5.00; \$30.00 per 100.

**HOP VINE** (*Japanese*). A rapid grower, with dark green foliage, and bearing a profusion of seed-pods, suitable for many domestic purposes. Strong pot-plants, 30c. each; doz., \$2.50.



*Clematis Paniculata*

**HONEYSUCKLE.** This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

—**Chinese Evergreen.** Yellow and white variegated flowers; very fragrant; blooms the entire season.

—**Halliana** (*Hall's Honeysuckle*). Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

—**Red Coral or Scarlet Trumpet.** Bright red, trumpet-shaped flowers. Blooms all summer. Extra strong plants. 75c. each; doz., \$7.50.

—**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles (except where noted), 4-in. pot plants, 35c. each; doz., \$3.50; \$25.00 per 100. 6-in. pot-plants, 75c. each; doz., \$8.00; \$60.00 per 100.

**LYCIUM** (*Matrimony Vine*)—**Barbarum.** A dense growing climber, somewhat shrubby in nature. In late summer the small purple flowers are followed by a crop of red berries, which remain until late winter. Extra heavy plants, \$1.00 each.

**POLYGONUM—Auberti.** For porches, lattice work, fences, buildings, etc. A useful vine which is perfectly hardy and free from disease or pests. It is quick growing, a small plant making twenty-five to thirty feet of growth the first summer, and produces clouds of snowy white flowers, borne in long clusters, which turn rose color with age. The foliage is clean looking and attractive, and apart from its wonderful flower effect will please everyone by its appearance. It will not cling to the wall, but will ramble over anything that will support it. Extra strong pot-grown plants, \$1.25 each.

**WISTARIA.** This flowers in the latitude of Philadelphia during May. A strong developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded. They thrive best in the sun, and with an application of cow manure once or twice a season they respond marvelously by an extra growth and an abundance of flowers.

—**Chinensis** (*Chinese Wistaria*). Pale blue; somewhat fragrant. Extra strong plants, \$1.00 each.

—**Chinensis Alba.** A beautiful white flowering form of the above. Extra strong plants, \$1.00 each.

See Page 40 for Special Notice on Guarantee.

**ALTHEA** (*Rose of Sharon*). These thrive almost anywhere, producing their bloom from July till September.

- Alba Plena**. Pure white; double.
- Atropurpurea Plena**. Double purple.
- Duchess de Brabant**. Double; deep red.
- Lady Stanley**. Semi-double; pale pink, splashed with carmine.
- Totus Albus**. Single; pure white.

Plants, 2 to 3 feet high, 75c. each (by parcel post, 90c.).

**AMYGDALUS**—**Alba Flore Pleno** (*Flowering Almond*). Erect, slender branches, covered in May with small, very double, fragrant white flowers. Strong plants, 2 to 3 feet, \$1.25 each (by parcel post, \$1.40).

—**Rosea Flore Pleno**. Identical with the above, but bearing pink flowers. Strong plants 2 to 3 feet, \$1.25 each (by parcel post, \$1.40).

**BERBERIS**—**Thunbergii** (*Japanese Barberry*). A good, hardy plant for lawn or border. The branches are prickly with small thorns and tend to make a defensive hedge. In autumn the foliage is crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
9-12 inches.....	\$0.25	\$2.50	\$18.00
12-18 inches.....	.35	3.50	22.50
18-24 inches.....	.50	5.00	35.00

**Bridal Wreath**. See *Spiraea Prunifolia*.

**CALLICARPA PURPUREA** (*Beauty Fruit*). A beautiful shrub growing about 3 feet high, covered in August with tiny pink tinted flowers, followed in late September by violet purple berries borne in clusters from the axil of every leaf, remaining until the middle of Winter. \$1.00 each (by parcel post, \$1.15).

**CALYCANTHUS**—**Floridus** (*Sweet Shrub*). Chocolate-colored double flowers, with a peculiar agreeable odor. Blooms in June. 3 to 4 feet, \$1.00 each (by parcel post, \$1.15).

**CERCIS**—**Canadensis** (*Judas Tree or Red Bud*). A tall, slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 4 to 6 feet plants, \$1.50 each.

**CLETHRA**—**Alnifolia** (*Sweet Pepper Bush*). Of low growth; has numerous spikes of small white fragrant flowers in July. 2 to 3 feet. \$1.00 each (by parcel post, \$1.15).

**CORNUS** (*Dogwood*). The flowers appear before the foliage in May. In autumn it takes on a rich crimson shade.

—**Florida** (*White Flowered Dogwood*). Strong plants; 4 to 5 ft., \$1.75 each.

—**Rubra** (*Pink Flowered Dogwood*). 3 to 4 ft., \$2.50 each.

—**Elegantissima** (*Variegated Dogwood*). A beautifully variegated shrub which should be planted more freely. Strong plants, 3 to 4 feet high, \$1.75 each.

—**Lutea** (*Golden-Twigged Dogwood*). Bright yellow branches in Winter. Strong plants, 3 to 4 feet high, \$1.50 each.

—**Sibirica** (*Siberian Dogwood*). Branches a bright, coral red; quite ornamental. Strong plants, 3 to 4 feet high, \$1.00 each.

**DEUTZIA**. The Deutzias are among the most useful of our summer flowering shrubs.

—**Candidissima Fl. Pl.** Abundant racemes of double, pure white flowers in June; luxuriant foliage, and fine habit. 3 ft. plants.

—**Crenata Rosea Fl. Pl.** Double flowering; white tinged pink. 3 ft.

—**Gracilis**. Of dwarf, bushy habit; white flowers. 18 inches.

—**Pride of Rochester**. The flowers, borne in large panicles, are pinkish white, with under-side of the petals rose. June. Price of Deutzias, \$1.00 each (by parcel post, \$1.15).

**CYTISUS**—**Laburnum** (*Golden Chain*). A large shrub with shining green leaves and long drooping racemes of yellow flowers, which appear in the early summer. \$2.00 each (by parcel post, \$2.15).

**Dogwood**. See *Cornus*.

**EVONYMUS Alata** (*Cork-barked Evonymus*). Small delicate flowers in late Spring are followed by attractive red berries in the Fall. Curious corky bark, brilliant Autumnal foliage. Best for individual planting. 18 to 24 inches, \$1.00 each (by parcel post, \$1.15).

—**Japonica**. Beautiful deep green foliage; a splendid evergreen. 12 to 15 inch plants, \$1.00 each (by parcel post, \$1.15).

—**Argentea Variegata**. Leaves beautifully variegated with silvery white. 5-inch pot grown plants, \$1.00 each (by parcel post, \$1.15).

—**Aurea Variegata**. Similar to the above with golden variegated foliage. 5-inch pot grown plants, \$1.00 each (by parcel post, \$1.15).

**EXOCHORDA GRANDIFLORA** (*Pearl Bush*). A medium sized shrub, producing white flowers in clusters, early in the Spring. Strong plants 18 to 24 inches, \$1.00 each (by parcel post, \$1.15).

**Flowering Almond**. See *Amygdalus*.

**Flowering Crab**. See *Malus*.

**FORSYTHIA** (*Golden Bells*). Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

—**Fortunei**. Erect growing with dark green foliage; strong plants, 4 ft.

—**Intermedia**. April. Vigorous grower with slender, erect or arching branches.

—**Suspensa**. Graceful, drooping tendency. Frequently planted on banks and slopes.

—**Viridissima**. Erect shoots, spreading branches and excellent foliage that assumes a rich Autumnal tint and persists until early Winter.

Price of Forsythias, \$1.00 each (by parcel post, \$1.15).

**Golden Bells**. See *Forsythia*.

**Golden Chain**. See *Cytisus*.

**Honeysuckle**. See *Lonicera*.

**HYDRANGEA**—**Arborescens Grandiflora Alba** (*Snowball Hydrangea*). The snow-white blooms are of the largest size, coming into flower early in June and lasting until late in August. Is more hardy than any other sort and especially suited for shaded places. 2 to 2½ ft., \$1.00 each (by parcel post, \$1.15).

—**Paniculata Grandiflora**. The large panicles of white flowers are at their best during August; later they take on a reddish cast. Fine as single specimens on the lawn or grouped in large beds. Strong bush form, 2 ft. plants, \$1.00 each (by parcel post, \$1.15). Extra strong stock, 3 ft., \$1.50 each.

—**Paniculata Grandiflora** (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the centre of beds, containing other plants. Stems 2 to 2½ feet long, with shapely heads, \$1.50 each.

—**Quercifolia** (*Oak-leaved Hydrangea*). A handsome spreading shrub with striking foliage, turning in Autumn to a beautiful red. The flowers are produced freely in August, in flat white clusters. Strong plants 18 to 24 inches, \$1.50 each (by parcel post, \$1.65).

**Japan Quince**. See *Pyrus*.

**JASMINUM**—**Nudiflorum**. Fine for sheltered positions; fragrant yellow flowers early in Spring. \$1.00 each (by parcel post, \$1.15).

—**Officinale** (*Common White Jessamine*). Vigorous grower with a profusion of white fragrant flowers. \$1.00 each (by parcel post, \$1.15).

**Judas Tree**. See *Cercis*.

**Lilac**. See *Syringa*.

**LONICERA**—**Fragrantissima** (*Honeysuckle*). Fragrant white flowers early in Spring. \$1.00 each (by parcel post, \$1.15).

—**Morrowi**. Foliage dark green with small white flowers in May. During the late summer and early autumn the plant is covered with bright red berries. Plants, 3 feet. \$1.00 each (by parcel post, \$1.15).

—**Ruprechtiana**. A free flowering variety; white flowers during May and June, followed by red fruit. \$1.00 each (by parcel post, \$1.15).

**MALUS** (*Crab*)—**Bechtel's Double Flowering**. Grows medium height, producing large double flowers of wonderful fragrance. 2 to 3 ft. high, \$2.50 each; 3 to 4 ft. high, \$3.50 each.

**Mock Orange**. See *Philadelphus*.

**PHILADELPHUS**—**Coronarius** (*Mock Orange*). Handsome foliage and beautiful, fragrant white flowers in May and June. 2 ft. plants. \$1.00 each (by parcel post, \$1.15).

—**Grandiflorus**. A robust growing variety, bearing large white flowers. 3 ft. to 4 ft., \$1.00 each.

**PYRUS**—**Japonica** (*Japan Quince*). This shrub is a beautiful sight when covered in the early spring with cherry-red flowers, about the size of an apple blossom. After the flowers fall, many of them set fruit, which is edible, making the finest Quince jelly or preserves. Extra strong plants, 2 ft., \$1.00 each (by parcel post, \$1.15).

**Red Bud**. See *Cercis*.

Shipping season is usually from November 15th until freezing weather, and from March 15th to May 1st.

# 38 MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS (Con.)

**RHUS**—*Typhina Laciniata* (*Dwarf Cut-leaved Sumac*). Low growth and fern-like foliage make this variety distinctive. Foliage is colored in the fall months. \$1.00 each (by parcel post \$1.15).

**Rose of Sharon.** See *Althea*.

**Snowball.** See *Viburnum*.

**SPIREA**—*Anthony Waterer*. Of dwarf, dense habit, bearing a profusion of crimson flowers. 18 inches, \$1.00 each (by parcel post \$1.15).

—*Prunifolia* (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. 3 feet, \$1.00 each (by parcel post \$1.15).

—*Thunbergii*. Delicate foliage and small white flowers in the early Spring. 12 to 18 inches, \$1.00 each (by parcel post \$1.15).

—*Van Houttei*. The most beautiful of all white Spireas, flowering in May. 3 to 4 feet, \$1.00 each.

**Sumac.** See *Rhus*.

**Sweet Pepper Bush.** See *Clethra*.

**Sweet Shrub.** See *Calycanthus*.

**SYRINGA** (*Lilac*)—*Charles X*. A strong growing variety, bearing large trusses of reddish purple flowers. \$1.00 each (by parcel post \$1.15).

—*Japonica*. A very desirable free flowering tree, bearing during June and July fragrant white flowers in large panicles. \$1.00 each (by parcel post \$1.15).

—*Marie Legraye*. A dwarf growing variety, producing immense trusses of beautiful creamy white flowers. \$1.00 each (by parcel post \$1.15).

—*Vulgaris*. Common purple, sweet-scented lilac. 85c. each; (by parcel post \$1.00).

—*Vulgaris Alba*. Pure white type of the above, but more fragrant. \$1.00 each (by parcel post \$1.15).

**SYMPHORICARPUS**—*Racemosus* (*Snowberry*). Small red flowers are succeeded by white berries, remaining on the plant through half the winter. Strong plants, \$1.00 each (by parcel post \$1.15).

—*Vulgaris* (*Red fruited or Indian Currant*). A well known shrub; pink flowers followed by bright red fruit. \$1.00 each (by parcel post \$1.15).

**TAMARIX**—*Africana*. Strong, slender, upright growth, with panicles of feathery pink flowers in May. 3 to 4 feet, \$1.00 each.

—*Hispida Aestivalis*. A distinct variety, bearing delicate sprays of soft pink flowers in July and August, very light and feathery. 2 to 3 ft., \$1.00 each (by parcel post \$1.15).

**VIBURNUM OPULUS** (*High Bush Cranberry*). One of the most popular shrubs; clusters of white flowers in June, followed by scarlet berries in Autumn. Strong plants, 2 to 3 ft., \$1.00 each (by parcel post \$1.15).

—*Opulus Sterilis* (*Snowball or Guelder Rose*). This is the popular white Snowball, filled with large globes of white flowers in May. Strong plants, 2 to 3 ft., \$1.00 each (by parcel post \$1.15).

—*Tomentosum*. Distinct from all other varieties in foliage and flower; the latter are more flat than those of other varieties and followed by decorative red fruits, changing to black. Strong plants, 2 to 3 feet, \$1.00 each (by parcel post \$1.15).

**VITEX AGNUS CASTUS** (*Chaste Tree*). A shrub or small tree, with strong aromatic odor; dense spikes of pale lilac flowers from July to September. Strong plants, 2 to 3 feet, \$1.00 each (by parcel post \$1.15).

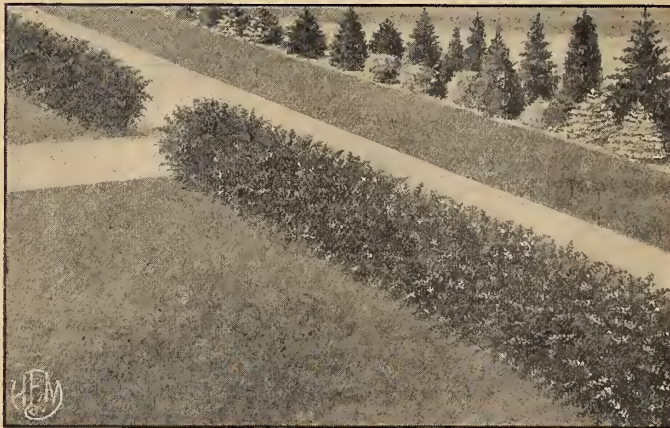
**WEIGELIA**—*Candida*. Flowers abundantly in June and July; also during the autumn months. The tube-shaped flowers are pure white. Plants, 4 feet, \$1.00 each.

—*Eva Rathke*. Of erect form; deep carmine-red flowers; 2 to 3 feet, \$1.00 each (by parcel post \$1.15).

—*Rosea*. Remarkably showy flower; numerous spreading branches and dark green leaves. \$1.00 each (by parcel post \$1.15).

—*Rosea nana variegata*. Silvery variegated leaves and pale pink flowers. \$1.00 each (by parcel post \$1.15).

## MICHELL'S CHOICE THRIFTY HEDGE PLANTS



*Berberis Thunbergii*

### BERBERIS THUNBERGII (Japanese Barberry)

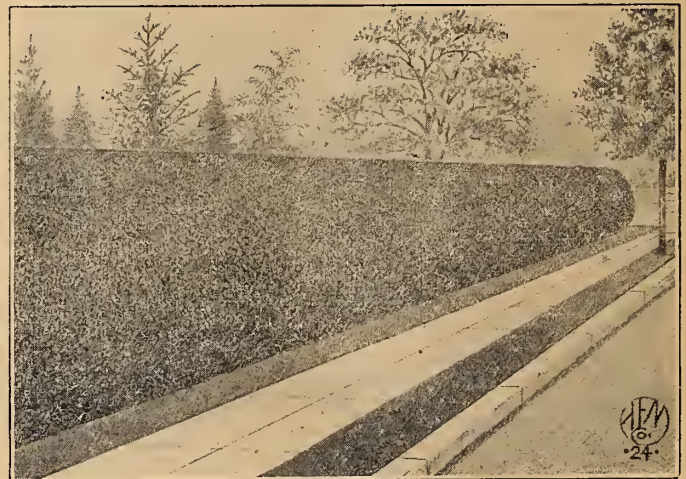
A good hardy plant of low dense growth. It is a brilliant light green from early spring to winter, it should be regarded as a shrub as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
9-12 inches.....	\$0.25	\$2.50	\$18.00
12-18 inches.....	.35	3.50	22.50
18-24 inches.....	.50	5.00	35.00

### BOXWOOD, Dwarf, for Edging

We have a quantity of dwarf edging, nice bushy stock, for edging beds and paths. Boxwood grows into value and adds charm to the garden that no other plant can do.

	Diameter	Each	Doz.	100
6 inches high.....	4"-5"	\$0.50	\$5.00	\$35.00
8 inches high.....	4"-5"	.60	6.00	45.00
9 inches high.....	4"-5"	.75	7.50	60.00



*California Privet*

### CALIFORNIA PRIVET

Unlike a fence, which needs painting, repainting, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	Doz.	100	1000
1-yr. old, 18 to 24 inches.....	\$1.25	\$6.00	\$50.00
2-yr. old, 24 to 30 inches.....	1.50	8.00	70.00
2-yr. old, 30 to 36 inches.....	2.00	10.00	90.00

### GOLDEN OR VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. Bushy Plants, 75c. each; doz., \$7.50.



Evergreens offer a wide variety and brilliant diversity of color, every shade of green and blue foliage; then there are the rich, golden tints, the soft silvery grays and those varieties with the dainty white-tipped leaves.

Evergreens are much desired for specimen lawn trees; they are also extensively used for massing, shelter belts, screens and hedges. The taller varieties form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growth of smaller evergreens.

This list includes the varieties mostly in demand.  
We can furnish all other sorts.

See Page 40 for Special Notice on Guarantee.

**ARBORVITAE.** See *Thuja*.

**CYPRESS.** See *Retinospora*.

**JUNIPERUS** (*Juniper*). These possess remarkable vigor and thrive in bleak situations, in poor, stony soils and barren lands, in low and damp places at the seashore, in fact, most anywhere.

—**Excelsa Stricta** (*Greek Juniper*). Close growing, pyramidal form, with gray green foliage. Excellent in the formal garden. 12 to 15 inch, \$2.75; 15 to 18 inch, \$3.50.

—**Hibernica** (*Irish Juniper*). Very useful in formal planting, screenings for small yards and cemeteries. 1 to 2 feet, \$2.25; 2 to 3 feet, \$4.50.

—**Pfitzeriana**. A beautiful new form, with graceful dark green foliage. One of the most attractive of evergreens. 1½ to 2 feet, \$4.50; 2 to 3 feet, \$6.00.

**PICEA** (*Spruce*). Probably better known and more largely planted than any of the other evergreens; they are hardy, tall and rapid growers; reliable in almost any locality, living for many years. Suitable for planting as specimens, while some varieties are used for hedges and windbreaks.

—**Canadensis** (*Hemlock Spruce*). A rapid grower; very hardy and not particular as to soil. If trimmed, it becomes dense and bushy, making beautiful hedges. 2 to 3 feet, \$5.00; 3 to 4 feet, \$7.00.

—**Excelsa** (*Norway Spruce*). Rapid grower; does well in most soils. It is highly valued for shelters, windbreaks or hedges. 2 to 3 feet, \$3.00; 3 to 4 feet, \$4.00.

**PINUS** (*Pine*). These will endure a wide range of climatic conditions, being native in the lowlands or the mountains, and will withstand cold, bleak winds. Useful on lawns and on public grounds. They are in variety so that a suitable sort may be selected for almost any purpose.

—**Austriaca** (*Austrian Pine*). Tall, massive, with spreading limbs and long, stiff needles. Thrives along the coast, inland, and under city conditions. Handsome for specimen or open group planting. We offer an especially fine lot of these desirable trees. 3 to 4 feet, \$5.00.

—**Excelsa** (*Bhotan Pine*). Somewhat like the white Pine, having graceful branches, silvery gray green in color; very suitable for massing. 3 to 4 feet, \$5.00.

—**Mughus** (*Mugho Pine*). A low growing, broad spreading tree, in fact it is more of a large pine bush than a tree, and is very ornamental. 1 to 2 feet, \$5.00.

**RETINOSPORA** (*Cypress*). The many varieties vary considerably in their general appearance and nature of growth; all of them can be clipped occasionally to keep them within growing boundary. The shades of colors are numerous, so that an assortment of them makes a handsome effect.

—**Filifera** (*Thread Branched Retinospora*). Broad and bushy, with pendulous, dark green foliage of a thread-like nature. 1½ to 2 feet, \$4.50; 2 to 2½ feet, \$6.00.

—**Plumosa** (*Plume-like Cypress*). A splendid bushy variety with pyramidal outline, slender, graceful branches and light green leaves. 1½ to 2 feet, \$3.75; 2 to 2½ feet, \$4.50.

—**Plumosa aurea**. The most popular and generally useful of all the golden evergreens. Especially ornamental, the soft, plume-like golden foliage being particularly bright in spring. 12 to 18 inches, \$2.25; 2 to 3 feet, \$5.00; 3 to 4 feet, \$6.25; 4 to 5 feet, \$9.50.

**SPRUCE.** See *Picea*.

**TAXUS** (*Yew*). These are a small growing evergreen, highly ornamental; effective in groups or bed plantings.

—**Cuspidata** (*Japanese Yew*). One of the hardiest of Yews. Upright, rather open growth, with rich green foliage; can be kept uniform and symmetrical by occasional shearing. 12 to 18 inch, \$3.50; 18 to 24 inch, \$5.00.

—**Cuspidata brevifolia**. The branches are spreading and the general aspect is less dense than the common Yew. Perfectly hardy. 12 to 15 inches, \$3.75; 15 to 18 inches, \$4.50.

**THUYA** (*Arborvitae*). These are chiefly of upright habit, not growing overly tall; exceedingly hardy; of a brilliant green all through the bleakest winter; splendid for back-grounds, windbreaks or garden fences.

—**Aurea** (*Golden Arborvitae*). Golden foliage retained well throughout the year. Attractive as a specimen, or to produce color contrasts in groups or beds. 18 inch, \$3.75; 24 inch, \$4.50.

—**Globosa** (*Globe Arborvitae*). Light green foliage of a grayish cast. The neat globular outline adapts this *Arborvitae* for formal plantings, tub and window box use, as well as in the foreground of Evergreen groups. 12 inch, \$3.00; 15 inch, \$3.50.

—**Occidentalis** (*American Arborvitae*). A well-known, popular evergreen for ornamental hedges; rapid growth. 2 to 3 feet, \$2.25; 3 to 4 feet, \$4.50; 5 to 6 feet, \$7.50.

—**Occidentalis pyramidalis** (*Pyramidal Arborvitae*). The most narrow, columnar-like evergreen; medium growth; very distinct light green, compact foliage. 2 to 3 feet, \$4.50; 3 to 4 feet, \$7.50.

**YEW.** See *Taxus*.



Ornamental shade trees judiciously and tastefully arranged enhance the value of real estate and are always a safe investment, not alone for their cooling shade, etc. but for beauty, grace of outline and brilliant autumn coloring.

This list includes the varieties mostly in demand.  
We can furnish all other sorts.

**Beech, Purple** (*Fagus sylvatica purpurea*). The foliage in spring is a deep purple, changing later to green. Should be closely pruned when transplanted. 4 to 5 feet, \$3.50.

**Crab, Betchel's Double Flowering** (*Malus Ioensis Bechtelii*). The tree is of medium growth; the flowers are of immense size and of a beautiful pink color; highly fragrant. Very double. 2 to 3 feet, \$2.00; 3 to 4 feet, \$3.00.

**Crab, Parkman's Flowering** (*Malus Parkmanii*). Rose-colored buds open into little rosy-white flowers; these are succeeded by decorative fruits. The tree is of a rather spreading, irregular nature. 2 to 3 feet, \$2.00; 3 to 4 feet, \$3.00.

**Dogwood** (*Cornus*). See Page 37.

**Elm, American** (*Ulmus Americana*). One of the finest street shade trees in the world. 8 to 10 feet, \$2.50.

**Larch, European** (*Larix decidua*). A conifer with deciduous needle-like leaves, bright green very early in spring, and clear yellow in autumn. 3 to 4 feet, \$2.50.

**Linden, American** (*Tilia Americana*) (*Basswood*). The largest-growing Linden. Suitable for parks or streets. When in blossom, its yellow flowers are intensely fragrant. 8 to 9 feet, \$3.00; 10 to 11 feet, \$5.00.

**Linden, European** (*Tilia vulgaris europaea*). Leaves smaller and darker than those of the American Linden; forms a dense shade. 8 to 10 feet, \$4.00; 10 to 12 feet, \$5.00.

**Maple, Norway** (*Acer platanoides*). One of the finest park, street or lawn shade trees in America; of rounded form, compact habit and stout, vigorous growth. 8 to 10 feet, \$3.00; 10 to 12 feet, \$4.50; 12 to 13 feet, \$6.00.

**Maple, Sugar** (*Acer saccharum*). Its upright habit of growth, dense shade and adaptability to different soils have rendered it one of the most extensively used. The autumn effect of the foliage is particularly handsome. 8 to 10 feet, \$3.50; 10 to 12 feet, \$4.00.

**Maple, Silver** (*Acer dasycarpum*). Of rapid growth; extensively planted for ornament and shade. 8 to 10 feet, \$2.50; 10 to 12 feet, \$2.75.

**Mountain Ash** (*Sorbus aucuparia*). A handsome native tree; in autumn and early winter it is clothed with large clusters of red berries. 6 to 8 feet, \$2.50.

**Mulberry, Tea's Weeping** (*Morus alba pendula*). Forms a perfect umbrella-shaped head, with slender, willowy branches, drooping to the ground. 1 year heads, \$3.75; 2 year heads, \$5.00.

#### SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees, plants and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees and shrubs to live we will assume such guarantee at an advance of 25 per cent, over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

**Oak, Pin** (*Quercus palustris*). Foliage deep green and finely divided; the leaves become a shade of scarlet and yellow in autumn. It thrives in almost any soil. 8 to 10 feet, \$4.50.

**Oak, Scarlet** (*Quercus coccinea*). A large, well-shaped tree; in the fall the foliage changes to a brilliant scarlet. 6 to 8 feet, \$3.75; 8 to 10 feet, \$5.00.

**Plane, Oriental** (*Platanus orientalis*) (*Buttonwood*) (*Sycamore*). A favorite tree for avenue and seashore planting; of large spreading habit and rapid growth; not affected by insects. Leaves large, smooth and handsome, affording abundant shade. 8 to 10 feet, \$3.00; 10 to 12 feet, \$5.00; 12 to 14 feet, \$6.00.

**Poplar, Carolina** (*Populus Caroliniana*). Good in almost any location. 8 to 10 feet, \$2.50.

**Poplar, Lombardy** (*Populus nigra italica*). Its tall form, sometimes reaching 120 feet, makes it indispensable in landscape effects for breaking monotony of outline. 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50; 10 to 12 feet, \$3.50.

**Salisburia, Adiantifolia** (*Maiden Hair Tree*). One of the oddest and most peculiar of all hardy exotic trees. Its leaves are deciduous, fan-shaped, broad and notched, resembling those of the Maiden Hair Fern. 6 to 8 feet, \$2.50; 8 to 10 feet, \$3.00.

**Tulip Tree** (*Liriodendron tulipifera*). A popular native deciduous tree, sometimes attaining a height of 75 to 100 feet. 6 to 8 feet, \$3.00; 8 to 10 feet, \$5.00.

**Umbrella Tree** (*Catalpa bungei*). For the lawn the *Catalpa bungei* is very effective. Has a dense, perfect, half globular or umbrella-shaped head, high on a straight upright stem. On terraces when used in connection with the California Privet hedge the effect is most pleasing. Price, 5 to 6 feet stems, 1-year heads, \$3.75 each; 5 to 6 feet stems, 2-year heads, \$6.25 each; 6 to 7 feet stems, 4-year heads, \$9.50 each.

**Weeping Willow, Common** (*Salix babylonica*). This is the well-known Weeping Willow, whose long pendulous branches droop so gracefully, and sway to the slightest breeze. Grows well in wet or dry places. 6 to 8 feet, \$2.00; 8 to 10 feet, \$3.00.

**Weeping Willow, Thurlow's** (*Salix Elegantiissima*). Similar to *Babylonica*, but more upright. 8 to 10 feet, \$2.00; 10 to 12 feet, \$3.00.





Blackberry "Eldorado"

Currants

Gooseberries

Every garden should have some space reserved for small fruits. None bought in the market can compare with those picked fresh by yourself when you want them. Any surplus that cannot be consumed may be put up for winter use.

**NOTE.**—Owing to the peculiar laws of Florida and Mississippi concerning the shipping of nursery stock into those States, we regret **WE ARE UNABLE TO ACCEPT ORDERS FOR NURSERY STOCK or SMALL FRUITS FOR SHIPMENT WITHIN THOSE STATES.**

## BLACKBERRIES (Extra Strong Plants)

Blackberries thrive most anywhere. The plants are subject at times to attacks of rust, particularly during prolonged wet spells in summer. A spraying, especially underneath the foliage, with copper solution, usually arrests this. However, if the disease spreads too much, it is best to dig up the bushes, burn them and plant new ones in another part of the garden. If they are sprayed before being affected it is the best plan.

**Bushel Blackberry.** Perfectly hardy. A delicious, large berry of finest flavor, and a very heavy cropper. In growth it is like the Black Diamond. Must be trained on poles or trellis.

**Eldorado.** A very vigorous grower, free from mildew or rust; enormously productive; fruit large, excellent quality and without core.

**Mersereau.** Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black, and retain their color under all conditions; very sweet and without core. Unsurpassed as a shipper and keeper.

**Ward.** An extra strong grower; produces an enormous crop of extra large, glossy black berries, which are rich, sweet, and tender and with no hard core.

**Price of Blackberries,** \$1.00 per doz.; per 100, \$7.00.

**Note.**—If Blackberries are desired by Parcel Post, allow 25c. per dozen for postage, as we send out only extra strong plants.

## CURRANTS (Extra Strong Plants)

Currants like good, rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

**Red Dutch.** An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

**Price of Currants,** strong 2-year old, 40c. each; per doz., \$3.50; \$20.00 per 100.

**Note.**—If Currants are desired by Parcel Post, add 25c. per doz. for postage, as we send out extra strong bushes.

## GOOSEBERRIES (Extra Strong Plants)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. They will repay you for this trouble with an extra big crop.

**Downing.** Medium to large; whitish green; flesh soft and juicy.

**Red Jacket.** Berries medium; color, pale red, tender and good.

A wonderful cropper, with clean, healthy foliage.

**Price of Gooseberries,** 35c. each; doz., \$3.00; \$20.00 per 100.

**Note.**—If Gooseberries are wanted by Parcel Post, please add 25c. per doz. for mailing charges.

**PLEASE NOTE.**—Some States forbid the shipment of Gooseberries into their boundary. Before ordering it might be well to ascertain if there is such a law in your State.

## SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply "small fruit" bushes of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or grower. If customers desire us to guarantee these and trees and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

## GRAPE VINES

A few of these planted in the garden, after several years will yield abundant crops, and they last for years with little attention except pruning and spraying.

**Caco.** The most delicious of all Grapes and perfectly hardy; it has been pronounced by America's most expert grape growers to equal in high quality and melting texture the finest varieties grown under glass. When one considers the price of the greenhouse product and realizes that the wonderful Caco can be grown in the back yard, almost without attention, the force of the above statement is apparent. The large berry is wine-red. Bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. This is a very fine variety and is easily worth the slight advance in price over the older varieties. \$1.00 each; doz., \$10.00.

**Campbell's Early.** A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich and delicious.

**Catawba.** Delicious flavor; medium size, red berry.

**Champagne.** A sterling variety of greatest merit. Color a coppery red. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out bearing an immense crop. Very strong grower, fifteen to twenty feet or more a season being common. Has never been known to winter kill. \$1.00 each; doz., \$10.00.

**Concord.** The well-known standard purple variety; succeeds wherever grapes will grow.

**Ives.** One of the most prolific bearers; medium size; color, purplish black.

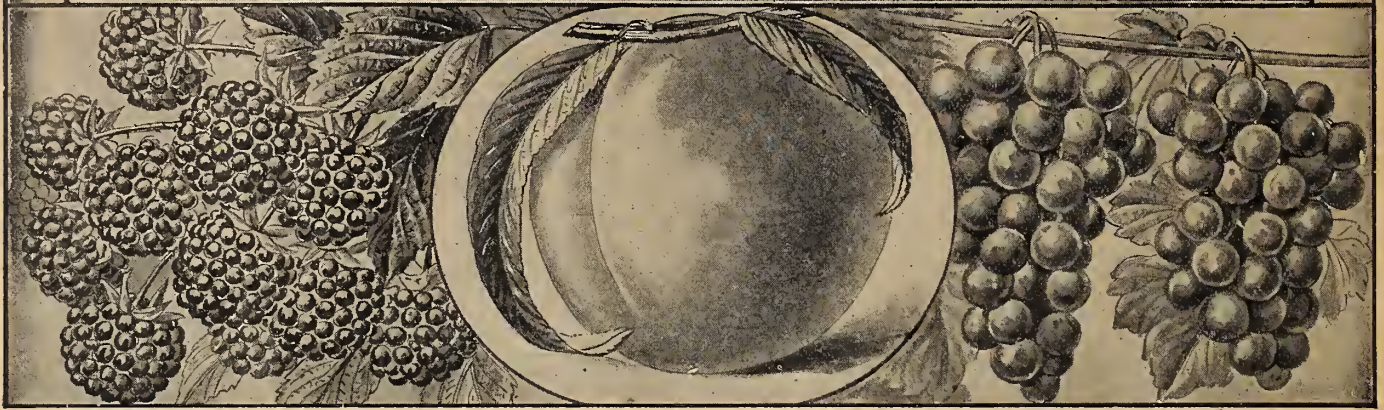
**Moore's Diamond.** A strong healthy grower; hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

**Niagara.** An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

**Prices.**—Any of the above excepting Caco and Champagne, 2-year old vines, 50c. each; doz., \$5.00. If Grape Vines are wanted by Parcel Post, add 10c. each for postage charges.

**Please Note.**—We have reduced the variety of Grape Vines offered, retaining the best in varieties which cover the different colors.

**Shipping Seasons** for small fruits are from October till freezing weather and from March 25th to May 15th.



### RASPBERRIES (Extra Strong Plants)

Raspberries should be carefully staked, to get large crops. We also recommend that well-rotted manure or other suitable fertilizer be dug around the bushes, either in the fall or early spring.

**Cumberland (Blackcap).** The largest raspberry known. Selected specimens measure an inch in diameter; immensely productive.

**Cuthbert.** Berries very large, measuring 3 inches around; conical, rich crimson; one of the old-time favorites.

**King.** In this extra early variety are united earliness, bright color, firmness and excellent quality of its berries with vigorous growth, productiveness and hardiness of cane. Its crimson berries are exceedingly bright in color and firm to endure long shipment.

**Ranere Everbearing.** The most popular Raspberry in cultivation, bearing continually from July until well into November. Its main crop is produced in the earlier period, but substantial quantities may be harvested almost every day until sharp frosts appear. The fruit is of good size and of excellent flavor, in fact there is no good quality any of the regular varieties of raspberries possess that is lacking in Ranere; a few dozen bushes will supply the average family with sufficient for table use and a surplus for canning, the color is a brilliant red.

**Welch.** So sweet and rich in flavor, this was at one time offered as "Honey Raspberry." A mid-season variety with berries of extra large size, good, bright crimson color and honey sweetness, melting and luscious. It is not firm enough to ship well a long distance. The canes are vigorous, hardy and productive. Superb for the home garden.

Price, any of the above, \$1.00 per doz.; per 100, \$7.00.

If Raspberries are wanted by Parcel Post, add 25c. per doz. for postage.

### STRAWBERRY PLANTS

(Pot Grown)

#### Early Varieties

Campbell's Early, Early Jersey Giant, Premier, Senator Dunlap.

#### Mid-Season Varieties

Big Joe, Brandywine, Marshall, William Belt.

#### Late Varieties

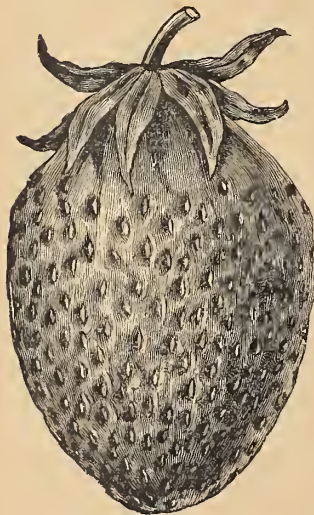
Chesapeake, Gandy's Prize, Sharpless, Stevens Late Champion.

Price of above, \$1.25 per doz.; per 100, \$7.00; \$60.00 per 1000.

#### Fall Fruiting Varieties

All Season. Price, \$3.00 per doz.; per 100, \$17.50.

Progressive. Price, \$1.35 per doz.; per 100, \$8.00; \$70.00 per 1000.



We can book orders for layer plants, for delivery in spring of 1925.

Shipping Seasons for small fruits are from October till freezing weather and from March 25th to May 15th.

### CHOICE FRUIT TREES

(Extra Strong Stock)

These can be shipped by express only.

#### APPLES

**Baldwin.** Large round, deep red, late variety.

**Ben Davis.** A late keeper; handsome striped fruit.

**Fall Pippin.** Large yellow, rich and delicious.

**Grimes' Golden.** Deep golden yellow; fine for Christmas.

**Hyslop (Crab).** Deep crimson with blase bloom.

**Red Astrachan.** An old popular variety; tart, juicy, flesh tinged with red; very early.

**Stayman's Winesap.** A fine variety; good keeper; deep red on a yellow ground.

**Transcendent (Crab).** Yellow, striped red; good yielder.

Price of Apple Trees: 6 to 8 feet high, \$1.75 each; 6 for \$9.00; \$15.00 per dozen.

#### APRICOTS

**Alexander.** Orange yellow with faint blush; firm, coarse flesh.

**Catherine.** Early; oblong shaped; rich orange with red cheek.

**J. L. Budd.** Early; light orange, similar to Catherine.

Price of Apricot Trees: \$2.00 each; 6 for \$9.00; \$15.00 doz.

#### CHERRIES

**Black Tartarian (Sweet).** Large, purplish black; immense bearer.

**Early Richmond (Sour).** Dark red; medium size; splendid flavor.

**Large Montmorency (Sour).** Light red; very productive.

**Schmidt's Bigarreau (Sweet).** A good late variety. Fruit large; flesh dark red, very firm, sweet, rich and of good quality.

**Napoleon (Royal Ann).** The best and most profitable yellow sweet cherry. Flesh very firm, juicy and delicious.

Price of Cherry Trees: 5 to 7 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

#### PEACHES

**Belle of Georgia.** Free-stone; rich creamy white, red cheek.

**Carman.** Early; pale yellow, red blush; very fine.

**Champion.** August. A magnificent white peach; extremely rich and juicy; very popular. Free-stone.

**Crawford's Late.** Greenish yellow with dull red cheek; late.

**Elberta.** Medium; very large; yellow with red cheek.

**Fox Seedling.** Late September. Skin and flesh white. Free-stone. Fruit large and of high quality.

Price of Peach Trees: 5 to 6 feet, \$1.25 each; 6 for \$6.00; \$10.00 per dozen.

#### PEARS

**Bartlett.** Yellow, shaded blush; very sweet and juicy; early.

**Kieffer.** A fine variety for late autumn, and for canning.

**Seckel.** Small; yellowish brown; very sweet and juicy.

Price of Pear Trees: 5 to 7 feet, \$2.00 each; 6 for \$10.50; \$17.50 per dozen.

#### PLUMS

**Abundance.** Amber, turning to a rich, bright cherry color.

**Burbank.** Orange yellow, overlaid red; rich and sugary.

**Imperial Green Gage.** Middle of August. A delicious, good-sized free-stone, sweet and juicy. Greenish in color.

Price of Plum Trees: 5 to 6 feet, \$2.00 each; 6 for \$10.50; \$17.50 per dozen.

#### QUINCES

**Champion.** Very prolific bearer; large fruit.

**Orange.** Round; golden yellow; fine for preserving.

Price of Quince Trees: 4 to 5 feet, \$2.00 each; 6 for \$10.50; \$17.50 per dozen.

NOTE.—We can also supply all other varieties of Fruit Trees.

# MICHELL'S SEASONABLE VEGETABLE SEEDS, ETC. 43

A complete offering will be found in our General Catalog that was issued in January; copy may be had on request.

## WE PAY POSTAGE AND PACKING CHARGES

(Except as noted)

on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds are **not included**), or such other seeds where mention is made in catalogue. If these seeds are wanted by Parcel Post please remit for postage the amount named in connection with the item.)

## ASPARAGUS ROOTS

(Ready after October 15th)

4,000 to 6,000 roots are required for an acre.

Asparagus roots are planted quite extensively during the autumn and invariably give good results.

If Asparagus Roots are wanted by Parcel Post, add 10c. per doz.; 25c. per 100 for 2-year old roots; 15c. per doz., 30c. per 100 for 3-year old roots, for postage.

	2-Year-Old Roots			3-Year-Old Roots		
	Doz.	100	1000	Doz.	100	1000
Barr's Mammoth	\$.30	\$1.50	\$10.00	\$.40	\$2.00	\$15.00
Conover's Colossal	.30	1.50	10.00	.40	2.00	15.00
Giant Argenteuil	.30	1.50	10.00	.40	2.00	15.00
Palmetto or Eclipse	.30	1.50	10.00	.40	2.00	15.00
Washington (New)	.60	3.00	25.00			

## BEANS FOR FORCING

**Masterpiece.** A long, flat podded variety, especially adapted for growing under glass; quick grower; very tender. Pkt., 15c.; 65c. per lb. (by P. P., 75c.); 2 lbs., \$1.25 (by P. P., \$1.40); \$3.00 per 5 lbs. (by P. P., \$3.25); 10 lbs., \$4.50 (by P. P., \$4.90).

**Triumph of the Frames.** Splendid for forcing under glass, producing a narrow, tender pod of considerable length. Per pkt., 15c.; 65c. per lb. (by P. P., 75c.); 2 lbs., \$1.25 (by P. P., \$1.40); \$3.00 per 5 lbs. (by P. P., \$3.25); 10 lbs., \$4.50 (by P. P., \$4.90).

## BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)	\$.10	\$.20	\$.60	\$1.75
Bassano Extra Early (Turnip)	.10	.15	.45	1.25
Bastian's Extra Early (Turnip)	.10	.20	.50	1.50
Bastian's Half Long Blood	.10	.20	.60	1.75
Crimson Globe	.10	.20	.60	1.75
Crosby's Egyptian (Turnip)	.10	.20	.60	1.75
Detroit Dark Red (Turnip)	.10	.20	.60	1.75
Detroit Dark Red (Michell's Special Strain)	.10	.25	.75	2.25
Eclipse Extra Early (Round)	.10	.20	.60	1.75
Lentz Early	.10	.15	.50	1.50
Michell's Ideal	.10	.20	.70	2.25

## FORCING CARROTS

**Early Half Long Scarlet.** A very desirable stump-rooted variety of fine flavor and good color. Pkt., 10c.; 20c. per oz.; 60c. per ¼ lb.; per lb., \$1.75.

**Oxheart or Guerande.** An early forcing variety; small roots, not over 3 to 4 inches long. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; \$1.75 per lb.

**Rubicon Half Long.** Excellent shape and well adapted for early forcing. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; \$1.75 per lb.

**Very Early Short Horn Scarlet or French Forcing.** An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Pkt., 10c.; 20c. per oz.; ¼ lb., 65c.; \$2.00 per lb.

## CAULIFLOWER (Varieties Suitable for Forcing)

**Michell's Earliest Snowstorm.** Colossal pure white heads averaging often 10 inches in diameter. Pkt., 25c.; 50c. per large pkt.; ¼ oz., \$1.10; \$2.00 per ½ oz.; 1 oz., \$3.50.

**Michell's Special Strain Selected Erfurt.** One of the earliest in cultivation; small leaved; splendid forcer. Pkt., 25c.; 50c. per large packet; ¼ oz., 85c.; \$1.50 per ½ oz.; oz., \$2.75.

**Early Snowball.** A splendid early variety. Pkt., 25c.; 50c. per large pkt.; ¼ oz., 85c.; \$1.50 per ½ oz.; per oz., \$2.75.

## CORN SALAD (Fetticus)



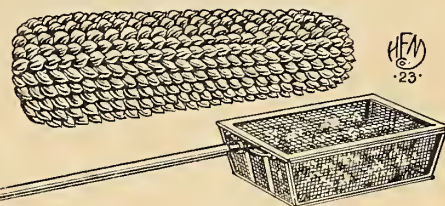
Principally sown for a supply of greens during winter and early spring. Sow in September broadcast; when cold weather approaches, cover with leaves or long manure or straw; upon approach of spring the covering can be taken off. It can also be gathered on mild days during winter.

**Large Leaved, Round Seeded.** 5c. per pkt.; large pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; \$1.75 per lb.

## POP CORN (Shelled)

Our pop corn will be found in excellent condition for popping.

**Golden Queen and White Rice.** 15c. per lb. (by P. P., 25c.); 3 lbs., 40c. (by P. P., 55c.)



## Corn Poppers

1 qt. size, 25c. each (by P. P., 35c.); 2 qt. size, 35c. each (by P. P., 45c.).

## WATER CRESS

This may be grown on a greenhouse bench just as successfully as along a stream of water, and a continuous crop may thus be assured regardless of weather conditions. Nothing can compare for flavor with the delicious tenderness of young Water Cress.

**True Erfurt.** Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; \$1.25 per ¼ lb.



Water Cress

## ENGLISH CUCUMBERS

These are splendid for growing in hotbed frames during the summer months, in preference to the open garden ground. They may also be grown under glass in greenhouses during the winter, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.



English Greenhouse Cucumbers

**Lockie's Perfection, Sion House, Telegraph, Tender and True.** Per packet of 12 seeds of either of the 4 sorts above, 25c. per pkt.; 100 seeds, \$1.75.



Lettuce, Boston Market

**LETTUCE (Heading Varieties)**

	Pkt.	Oz.	¼ lb.	Lb.
All Heart	\$0.10	\$0.30	\$0.75	\$2.50
All Right (Michell's)	.10	.30	.75	2.50
Big Boston	.10	.30	.75	2.50
Boston Market	.10	.30	.75	2.50
Davey's Improved Big Boston	.10	.35	.85	2.75
Dutch Butter (Private Stock)	.10	.30	.75	2.50
Hanson Improved	.10	.30	.75	2.50
Iceberg	.10	.30	.75	2.50
Kingsholm Cos or Romaine	.10	.30	.75	2.50
May King	.10	.30	.75	2.50
Michell's Number One	.10	.30	.75	2.50
New York or Wonderful	.10	.35	1.25	3.75
Prize Head	.10	.30	.75	2.50
Salamander (Mammoth)	.10	.30	.75	2.50
Unrivalled	.10	.35	.85	2.75
Way-a-head	.10	.30	.75	2.50

**LETTUCE (Loose Leaf Varieties)**

	Pkt.	Oz.	¼ lb.	Lb.
Black Seeded Simpson	\$0.10	\$0.30	\$0.75	\$2.50
Early Curled Simpson	.10	.30	.75	2.50
Grand Rapids	.10	.30	.75	2.50
Silesian	.10	.30	.75	2.50

**FORCING MELONS (English Varieties)**

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

**Blenheim Orange.** A handsome, scarlet fleshed variety of delicious flavor and beautifully netted. Pkt., 30c.

**Invincible Scarlet.** Form globular; skin orange red when perfectly ripe; finely and evenly netted; thick, bright scarlet flesh of exquisite flavor. Pkt., 30c.

**Sutton's A 1.** Fruits large, globular and densely netted. Flesh thick, of a rich scarlet color and of a delicious flavor. Original pkt., \$1.25.

**Windsor Castle.** A green fleshed variety of excellent quality. Oval in form, large size and handsomely netted on a dark green ground; flesh thick and of a pale green color. Pkt., 30c.

**MELON NETS.** For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.50 per doz.; per 100, \$18.00.

**MUSTARD**

	Pkt.	Oz.	¼ lb.	Lb.
Southern Giant Curled	\$0.10	\$0.15	\$0.50	\$1.50
White or Yellow	.10	.15	.35	.85



**PURE SPORE CULTURE SPAWN**

The growing of Mushrooms is rapidly increasing, and the demand for them has reached immense proportions. A fine crop of mushrooms can be secured with very little labor or expense, provided a suitable location can be obtained. Cellars, greenhouses and sheds can be used for their culture. This spawn is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure of twelve lbs., so that every mould, weed seed or insect is destroyed and each bottle contains nothing but the pure spawn. Every particle is full run, covered with spawn grown direct from the spores. One carton of the spawn equals 5 bricks of ordinary spawn and is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions, not only as to how the spawn should be used, but full particulars about growing mushrooms. Any one can order spawn and with it get the necessary knowledge to make growing entirely successful.

**PRICES**

Per carton	\$1.00	25 cartons	\$21.25
12 cartons	10.75	60 cartons	48.00

If wanted by mail, allow 10c. per carton for postage.

**PURE CULTURE BRICK SPAWN**

A crop is produced with good spawn, and a little care and patience in about 4 to 6 weeks, and continues bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture. One Brick will spawn 8 to 10 sq. ft.

**Direct No. 8. Cream White.** For use from April to October.  
**Direct No. 9. Pure White.** For use from October to April.  
 Per Brick.....\$0.35 | Per 10 Bricks.....\$2.75  
 Per 5 Bricks.....1.50 | Per 25 Bricks.....6.50  
 Per 50 Bricks.....\$12.50

If wanted by mail, allow for postage at the rate of 10c. per brick.



**MUSHROOM OR HOTBED THERMOMETERS**

**No. 20450.** Heavy Galvanized Iron Point (by P. P., \$2.40)...\$2.25  
**No. 1.** Brass Point Wood Case Paper Scale (by P. P., \$1.85)... 1.75

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

**ONION SETS**

**Tree or Top.** Should be planted in September for early spring use; they are perfectly hardy. 28 lbs. per bushel. Per qt., 20c.; 70c. per 4 qts.; peck, \$1.20; \$4.00 per bushel.

**White.** 32 lbs. per bushel..... } Prices will be quoted  
**Yellow.** 32 lbs. per bushel..... } on application.

## PARSLEY

One ounce will sow a row 100 feet long.

After soaking the seed for a few hours in warm water, it should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter, if given a heavy covering of long manure.

**Champion Moss Curled.** Beautifully crimped and curled. Pkt., 5c.; 10c. per large pkt.; oz., 15c.; 50c. per ¼ lb.; lb., \$1.50.

**Double Curled or Covent Garden.** A great improvement over all other varieties; nicely curled leaf. Pkt., 10c.; 20c. per oz.; ¼ lb., 60c.; \$1.75 per lb.

**Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.



Radish, Scarlet Globe (Special Forcing)

## RADISH (Early Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Crimson Giant	\$0.10	\$0.20	\$0.60	\$1.75
Early French Breakfast	.10	.20	.60	1.75
Early Scarlet Globe (Special Forcing)	.10	.25	.70	2.50
Icicle (Improved Strain)	.10	.20	.60	1.75
Long Scarlet Short Top	.10	.15	.50	1.50
Round Red Forcing	.10	.15	.50	1.50
Scarlet or Cardinal Globe	.10	.20	.60	2.00
Scarlet Turnip, White Tipped	.10	.15	.50	1.50
White Box, Felton's (Private Stock)	.10	.15	.50	1.50

## RADISH (Summer and Winter Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Celestial or White Chinese	\$0.10	\$0.15	\$0.50	\$1.50
China Rose	.10	.15	.50	1.50
Half Long Black	.10	.15	.50	1.50
White Strasburg	.10	.15	.50	1.50

A complete offering of Vegetable Seeds will be found in our General Catalog that was issued in January; copy may be had on request.

## RHUBARB ROOTS (Ready in October)

Rhubarb is as readily obtainable in winter as in spring. The clumps, which should be at least four years old, should be planted in good garden soil in a cool cellar, preferably as dark as possible. Where practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors.

**Victoria, First Size Roots.** 15c. each (by P. P., 25c.); doz., \$1.50 (by P. P., \$1.75); \$10.00 per 100.

**Victoria, Mammoth Roots.** For forcing, or outdoor planting. 35c. each (not mailable); doz., \$3.50; \$6.25 for 25; 100, \$22.50.



Spinach, Michell's Improved Strain Bloomsdale

## SPINACH

**Bloomsdale Round Seeded Savoy (Improved Strain).** A hardy variety; curled and crimped, thick fleshy leaves; the best for early spring and fall sowing. Per oz., 15c.; 30c. per ¼ lb.; lb., 85c.; \$3.75 for 5 lbs.

**Long Season.** Produces large plants and leaves which are strong and robust. The leaves are curled and tender. Per oz., 15c.; 30c. per ¼ lb.; lb., 85c.; \$3.75 for 5 lbs.

**Market Gardener's (New).** Leaves broad, heavy, dark green and glossy; excellent quality. 10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

## TOMATOES (Forcing Varieties)

**Michell's Cracker Jack.** One of the best for forcing. Fruits are of medium size and of a brilliant, rich scarlet color. Per pkt., 10c.; ½ oz., 20c.; 40c. per oz.; ¼ lb., \$1.25.

**Sutton's Best of All.** The seed we offer is grown from Sutton's original stock. Fruit medium size, intense red and contains but few seeds. Pkt., 10c.; 30c. per ½ oz.; oz., 60c.

**Comet.** Large clusters of medium size fruit of the brightest red. Pkt., 10c.; 20c. per ½ oz.; oz., 40c.

**Sutton's Eclipse.** A very smooth fruit, borne singly on plants with little foliage; vermilion red color; original packets, \$1.00.

## TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ lb.	Lb.
Cow Horn	\$0.10	\$0.15	\$0.30	\$0.80
Early Purple Top, Flat	.10	.15	.30	.80
Purple Top White Globe	.10	.15	.30	.85
Snowball	.10	.15	.30	.80
Southern Seven Top	.10	.15	.30	.80
Yellow Aberdeen, Flat	.10	.15	.30	.85
Yellow Globe, or Amber	.10	.15	.30	.80
Ruta Baga, Yellow Purple Top (Private Stock)	.10	.15	.30	.85



## MICHELL'S RELIABLE GRASS SEEDS

All Prices subject to Market Changes

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest average. We make special formulas to suit various soils, climatic and local conditions.

**Quantity to Sow for Lawns:** you cannot sow too much, the more the better, it means a quicker, more satisfactory and more lasting results. On a small scale a quart will usually seed a space of 10 x 10 feet though twice that quantity is better; 6 to 8 or 10 bushels of 20 lbs. per bushel on new ground without grass, is the proper quantity per acre; 1 peck is needed for a space of 1000 square feet; ½ bushel for a space 2000 square feet; 1 bushel for a space 4000 square feet or say 40 x 100 feet. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 6 to 8 bushels per acre, based on a 20 pound bushel.

### MIXTURES FOR LAWNS

**Michell's "Top Notch" Lawn Grass Seed.** The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; 100 lbs., 37½c. per lb.

**Michell's Green Velvet Lawn Grass Seed.** Produces a perfect turf; composed of close growing, fine leaved hardy grasses. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37½c. per lb.

**Michell's Evergreen Lawn Grass Seed.** Composed of the finest native and foreign short growing and fine bladed grasses. 20 lbs. per bushel. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs., 30c. per lb.

**Michell's Clover Lawn Grass Seed.** The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best re-cleaned White Clover, which is peculiarly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lbs. per bu. 30c. per pt.; qt., 50c.; 90c. for 2 qts.; 4 qts., \$1.75; \$3.25 per pk.; bu., \$12.50; 100 lbs., 40c. per lb.

**Michell's Seashore Lawn Grass Seed.** Contains such grasses as thrive in salt air regions. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. per 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37½c. per lb.

**Michell's Shaded Lawn Grass Seed.** Will produce a perfect sward in the most densely shaded places. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. per 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37½c. per lb.

**Fairmount Park Lawn Seed.** A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu. Pkt., 15c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; pk., \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

**Special Sod Grass Seed.** Produces a heavy sod in a short time. 20 lbs. per bu. Pt., 15c.; 30c. per qt.; 2 qts., 55c.; \$1.00 for 4 qts.; pk., \$1.75; \$6.50 per bu.; 100 lbs. at 30c. per lb.

### MIXTURES FOR LAWNS (Continued)

**Michell's Terrace or Embankment Grass Seed.** This mixture is composed of deep rooting varieties properly blended which will give very satisfactory results. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37½c. per lb.

**Southern States Evergreen Lawn Grass Seed.** Made up especially for dry, hot localities; especially suited to the Southern States. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs., at 30c. per lb.

### MIXTURES FOR PLEASURE GROUNDS

**Michell's Fair Ways (Golf Course) Mixture.** Composed of short-growing, deep-rooted varieties that resist wear. Fairways to retain their permanency should receive additional sowings during the season. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 30c. per lb.

**Michell's Athletic Field Grass Seed.** A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. 20 lbs. per bu. Per qt., 30c.; 55c. per 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lb. lots and over 30c. per lb.

**Michell's Tennis Court Grass Seed Mixture.** Our mixture will be found particularly adapted for the purpose as grass is coming more into favor on tennis courts. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37½c. per lb.

**Michell's Putting Greens Mixture.** A mixture of quick-growing, short, fine-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 100 lbs. to a green, 100 feet square. 25 lbs. per bu.; 35c. per pt.; qt., 65c.; \$1.25 for 2 qts.; 4 qts., \$2.25; \$4.00 per pk.; bu., \$15.00; 100 lbs. at 55c. per lb.

**Michell's Teeing Grounds Mixture.** Used on golf course tees or in other places where a tough resisting turf is wanted. 20 lbs. per bu. Pt., 20c.; 35c. per qt.; 2 qts., 65c.; \$1.25 per 4 qts.; pk., \$2.25; \$8.00 per bu.; 100 lbs. at 37½c. per lb.

If Grass Seeds are wanted by Parcel Post, add for postage as follows: 7c. for 1 qt.; 10c. for 2 qts.; 15c. for 4 qts.; 25c. per peck; 40c. per ½ bu.; 75c. per bu.



A Scene on the Famous "Pine Valley" Course

## MICHELL'S RELIABLE GRASS SEED

### MISCELLANEOUS MIXTURES

**Michell's Permanent Pasture Grass Seed.** This mixture is a combination of hardy grasses which are the most nutritious for stock feeding or grazing. Sow 4 to 5 bu. per acre on new land or 2 bu. on established pastures. 20 lbs. per bu. Per pt., 15c.; 25c. per qt. (by P. P., 32c.); 2 qts., 45c. (by P. P., 55c.); 85c. for 4 qts. (by P. P., \$1.00); pk., \$1.50 (by P. P., \$1.75); \$5.50 per bu. (by P. P., \$6.15); 100 lbs. at 25c. per lb.

**Michell's Permanent Hayfield Grass Seed.** Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 4 to 5 bu. per acre on new lands or 2 bu. on established fields. 20 lbs. per bu. Per pt., 15c.; 25c. per qt. (by P. P., 32c.); 2 qts., 45c. (by P. P., 55c.); 85c. for 4 qts. (by P. P., \$1.00); peck, \$1.50 (by P. P., \$1.75); \$5.50 per bu. (by P. P., \$6.15); 100 lbs. at 25c. per lb.

### GRASSES IN SEPARATE VARIETIES

All Strictly Re-cleaned and Carefully Tested for Purity and Germination. Prices quoted on application.

**Bent Grass, Colonial or Velvet.** A very fine bladed grass, producing a thick turf; especially valuable for putting greens (20 lbs. per bu.).

**Bent Grass, South German Mixed.** Sometimes referred to as Creeping Bent. Admirably adapted for lawns, also putting greens, tennis courts, etc.; sow 100 lbs. on a putting green 100 feet square (20 lbs. per bu.).

**Bermuda Grass.** For sowing as far North as Washington, D. C., above which latitude it is not hardy (35 lbs. per bu.).

**Blue Grass, Fancy Kentucky (*Poa Pratensis*).** Our stock of this is extra fine, thoroughly re-cleaned; sow 5 to 6 bu. per acre on lawns, 4 to 5 bu. on pasture fields (14 lbs. per bu.).

**Blue Grass, Canadian (*Poa Compressa*).** Makes an ideal pasture, highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (14 lbs. per bu.).

**Creeping Bent.** See South German Mixed Bent.

**Crested Dogtail (*Cynosurus Cristatus*).** Excellent as a pasture and lawn grass. Sow 4 to 5 bu. per acre (21 lbs. per bu.).

**Fescue, Chewing's New Zealand (*Festuca Chewing's*).** Especially recommended for putting greens and lawns (14 lbs. per bu.).

**Fescue, Creeping (*Festuca Rubra*).** Very valuable for sowing on sandy soil and in shaded places; also on putting greens (14 lbs. per bu.).

**Fescue, Fine Leaved (*Festuca Tenuifolia*).** This grass is especially valuable for dry soils. Sow 5 to 6 bu. per acre (14 lbs. per bu.).

**Fescue, Hard (*Festuca Duriuscula*).** A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 6 to 7 bu. per acre (12 lbs. per bu.).

### GRASSES IN SEPARATE VARIETIES

(Continued)

**Fescue, Meadow (*Festuca Pratensis*).** Sow 100 lbs. per acre (22 lbs. per bu.).

**Fescue, Red (*Festuca Rubra*).** Valuable for putting greens; also for sowing on sandy soil and in shaded places (14 lbs. per bu.).

**Fescue, Sheep's (*Festuca Ovina*).** This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 6 to 7 bu. per acre (12 lbs. per bu.).

**Herd or Red Top, Fancy Re-cleaned.** This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 35 lbs. per acre (32 lbs. per bu.).

**Herd or Red Top, Unhulled (*Agrostis Vulgaris*).** Sow 6 to 8 bu. per acre on lawns, or 5 to 6 bu. on pasture lands (10 lbs. per bu.).

**Orchard Grass (*Dactylis Glomerata*).** For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 50 lbs. per acre (14 lbs. per bu.).

**Rhode Island Bent.** For sowing at seashore resorts, on putting greens, tennis courts, etc.; sow 100 lbs. on a putting green 100 ft. square. (14 lbs. per bu.).

**Rough Stalked Meadow (*Poa Trivialis*).** A splendid grass for shady places and valuable for use in golf course turf formation. Sow 100 lbs. per acre. (14 lbs. per bu.).

**Rye Grass, English or Perennial (*Lolium Perenne*).** (*Pacey's Fancy Short Seeded*.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 5 bu. per acre (24 lbs. per bu.).

**Rye Grass, Italian (*Lolium Italicum*).** Very desirable for pasture; it comes to maturity the first season; the ideal seed for southern lawns in winter. Sow 100 lbs. per acre (18 lbs. per bu.).

**Sudan Grass Seed (*Annual*).** This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre.

**Sweet Vernal (*Annual*).** For sowing among grass to impart a sweet odor which is evident at mowing time. 5 lbs. per acre.

**Sweet Vernal (*Perennial*).** 5 lbs. per acre.

**Timothy (*Phleum Pratense*).** Sow one-half bu. per acre alone, or 8 to 10 qts. if sown with wheat (45 lbs. per bu.).

**Wood Meadow (*Poa Nemoralis*).** The best grass for sowing under trees where a lawn is desired. Sow 75 to 100 lbs. per acre (14 lbs. per bu.).

### WHITE DUTCH LAWN CLOVER

Splendid for sowing among grass on lawns and other places where a thick, quick growth is desired; especially adapted for seashore lawns. Prices: 5c. per pkt.; oz., 10c.; 25c. per ¼ lb.; ½ lb., 45c. (by mail, 52c.); 85c. per lb. (by mail, 95c.); 5 lbs., \$4.00 (by mail, \$4.20); \$7.75 for 10 lbs. (by mail, \$8.10); per bu., \$45.00; \$75.00 per 100 lbs.

# MICHELL'S HIGH GRADE FARM SEEDS

PRICES SUBJECT TO MARKET CHANGES



Crimson Clover

## CLOVERS

**Alfalfa or Lucerne (*Medicago Sativa*).** This is sown during May, August and September. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa explains this fully, and is free for the asking. Sow not less than  $\frac{1}{2}$  bushel (30 lbs.) per acre preferably with no other crop. Our seed will give the best of results. **Choice Non-Irrigated Western Crown Seed.** Price on application.

**Alfalfa (*Grimm Strain*).** Claimed to be hardy in any and all regions; a heavy yielder and of deeper rooting ability than the above. It requires about 10 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system and spreading habit. Price on application.

**Alsike or Swedish Clover (*Trifolium Hybridum*).** One of the best for mixing with timothy; perfectly hardy in every climate or soil condition; grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

**Bokhara or Sweet Clover (*Melilotus Alba*).** Used either as a feed crop or as a fertilizer to plow under. Grows from 3 to 5 feet high, thriving on almost any kind of soil. If you have thin rocky, hard or sour soil which you wish to enrich, this is just the crop for you to grow. It will make two hay crops the first year. We handle only the true, white flowered variety. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price on application.

**Crimson Clover (*Trifolium Incarnatum*).** This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price on application.

**Hubam (*Sweet Clover*).** A new strain of annual white flowering clover. One of the best fertilizing plants, and a wonderful hay and pasture crop. Sow 12 pounds per acre broadcast or 3 pounds in cultivated rows early in the spring. Price (subject to change), scarified seed, 50c. per lb. (by P. P., 60c.); 5 lbs., \$2.40 (by P. P. \$2.60); \$4.50 per 10 lbs. (by P. P. \$4.90); 25 lbs., \$10.00; \$37.50 per 100 lbs.

**Mammoth Red Clover (*Trifolium Pratense Perenne*).** This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red. Sow in early spring or in July and August, 20 lbs. per acre alone or with other crops 10 lbs. per acre. Price on application.

## CLOVERS—(Continued)

**Red Clover, Medium (*Trifolium Pratense*).** More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. It is not hardy for a period of years, being usually resown every third season. Flowers pink. Price on application.

**White Dutch or Lawn Clover (*Trifolium Repens*).** This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. Pkt., 5c.; 10c. per oz.; ¼ lb., 25c.; 45c. per ½ lb. (by P. P., 52c.); lb., 85c. (by P. P., 95c.); \$4.00 per 5 lbs. (by P. P., \$4.20); 10 lbs., \$7.75 (by P. P., \$8.10); \$45.00 per bush. (60 lbs.); 100 lbs., \$75.00. Prices on White Clover subject to change.

## DWARF ESSEX RAPE

An excellent green food for pasturing sheep and hogs. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. Price on application.

## WINTER RYE

**Pennsylvania Large White.** Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. Winter rye will not mature if sown in spring. Price on application.

**Rosen.** A new strain; very long, stiff straw; large yielder, producing almost 50 per cent. more than ordinary rye. Price on application.

## RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 8 to 10 qts. with wheat. 45 lbs. per bushel. Samples and quotations on request.



Winter Vetch

## WINTER VETCH (*Vicia Villosa*)

Our stock of this is the true type, which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern section of the United States, and buyers should beware when buying that they procure the right article, which is a small round black seed. It is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower, cut for hay. All stock relish it keenly. Price on application.





## FOUR-ROWED FULTZ (Beardless)

Four-rowed Fultz has a tendency to produce spikelets composed of four grains of wheat arranged in a row close together. Although the heads are only of medium length, in most cases they contain more wheat than heads of other varieties that are much longer. Four-rowed Fultz is **extremely early**. The berry is of medium size, hard and red in color. Chaff is white. Straw is of medium length, strong and stiff. On rich soils, Four-rowed Fultz will give straw of great length; will stool out wonderfully, making a thick growth.

This variety has numerous records of yield of 40 bushels per acre on average land. On select land as much as 50 bushels per acre has been harvested. Sow  $1\frac{1}{2}$  to 2 bushels per acre.

## LANCASTER-FULCASTER (Bearded)

A reselection from the old "Fulcaster" and one of the purest wheats now offered. There are few other varieties that will do quite as well on soils of average quality. Farmers who are not able to raise even fair crops on rather thin soils should sow "Lancaster-Fulcaster." Even under adverse conditions this variety will produce a satisfactory crop of straw and a surprising crop of grain. The grain is of finest quality, a genuine long berry, dark red and hard. The chaff is white and the straw is long and stiff. Lancaster-Fulcaster will carry through extreme winters; will also withstand attacks of insect pests and disease better than any other variety. Sow  $1\frac{1}{2}$  to 2 bushels per acre.

## LEAP'S PROLIFIC (Beardless)

A most prolific variety indeed, and may be relied upon to give big crops. It stools out strongly and roots deeply. The grain is large, dark red and of the best milling qualities. The heads are large, the chaff is beautiful white and is without beards. "Leap's Prolific" is one of the earliest to ripen and we recommend it as an all around good variety. Sow  $1\frac{1}{2}$  bushels per acre.

## "MIRACLE" (Bearded)

This valuable Wheat was introduced by us in the vicinity of Philadelphia in 1911. It produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped, red grains of a semi-hard nature of excellent milling qualities. **It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to the head or stalk.** It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impressed upon us very forcibly **not to recommend the sowing of more than one half bushel per acre**, as if seeded heavier it is liable to choke itself, on account of its free stooling habit. It is early to mature and produces straw often 5 feet high.

## PENNSYLVANIA 44 (Bearded)

A new variety originating at the Pennsylvania Agricultural Experiment Station and developed from the Fulcaster. Grains red, purple straw, white chaff. It is a few inches taller than Fulcaster, and with stiffer straw. This variety has yielded an average of 35 bushels per acre for the last 9 years. Sow  $1\frac{1}{2}$  to 2 bushels per acre.

## RED WAVE (Beardless)

A very popular variety, succeeding in all kinds of soil and has been especially successful in lands not too rich in lime. Upon sandy, gravelly soil Red Wave is especially suited. This variety is a heavy producer; heads are extremely long, with grains closely set; on good rich soil this variety has yielded 40 to 45 bushels per acre. It takes a little longer for this variety to mature than the earliest varieties. The straw is long and withstands storms remarkably well. Grains large and dark red and produces flour of good quality. This is truly a worthy variety, the result of a cross of Red Clawson and an unnamed cross-breed of Russian parentage.

See page 67 for our Special Wheat Fertilizer.

Prices of Seed Wheat fluctuate constantly and will be quoted on application.

## NITROGEN-GATHERING BACTERIA

THE WONDERFUL FERTILIZER FOR LEGUMINOUS CROPS

The following crops are in season for sowing now and should be inoculated:

**ALFALFA, ALSIKE, CRIMSON CLOVER, RED CLOVER, VETCH**

We can also furnish culture for all other legumes. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

### FARMOGERM

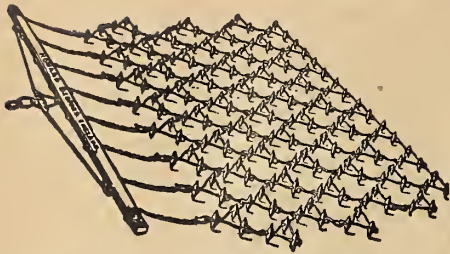
Prices, trial size (for Beans, Peas and Sweet Peas), 50c.; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00.

### MULFORD CULTURES

Prices, trial size (supplied only for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), 35c.; 75c. per  $\frac{1}{4}$  acre size; 1-acre size, \$1.50; \$5.00 per 5-acre size.

In ordering Farm Seeds allow 50c. for each 2 bushel bag. These are returnable for credit

(oc)



**SCOTCH CHAIN HARROW**

One of the best implements for pulverizing the surface soil, leveling and smoothing; also splendid for covering grass seed, etc. Used on driveways and race tracks, it smooths the surface, eliminating ruts and footprints.

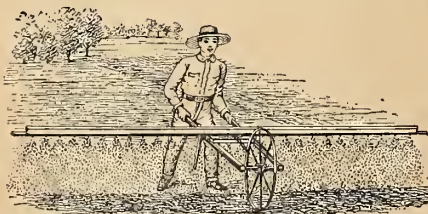
No.	Size	Weight	Price
1F.	One-horse size, 5 x 6 ft.	126 lbs.	\$35.00
2F.	Medium two-horse size, 6 x 7 3/4 ft.	236 lbs.	45.00
3F.	Full two-horse size, 9 x 11 ft.	357 lbs.	60.00



**BROADCAST SEED SOWERS**

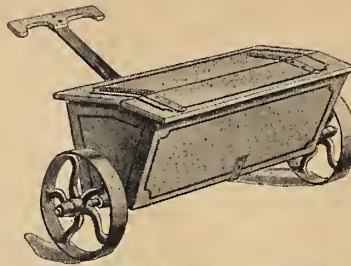
For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

	Each
Caheen.....	\$5.75
Rittenhouse.....	3.00



**WHEELBARROW GRASS SEEDER**

The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly. No. 9 (especially for Grass Seed), sows a width 14 ft., \$15.00.

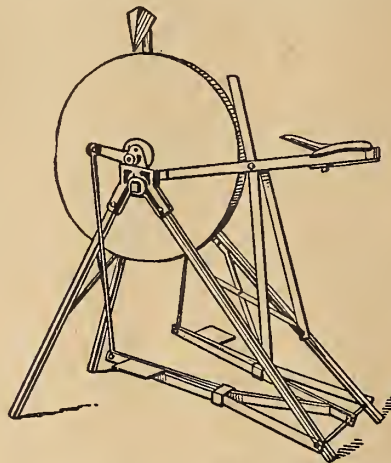


**LARK FERTILIZER DISTRIBUTOR**

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution, requiring less time than by the broadcast hand process.

**Hand Machine.** Holds about 2 bu., covering area 3 feet wide. Price, \$18.00.

**Horse Machine.** For use on large lawns, fields and golf grounds. It is furnished equipped for either one or two horses, as may be desired. Price upon application.



**STERLING MOUNTED GRINDSTONE**

Substantially made; heavy steel frame, with seat and double treadles; fitted with improved ball bearings, of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1 3/4 to 2 1/4 inches thick. Weight, 100 lbs.

Shipped knocked down, crated. Price, \$11.50.



**LAWN AND PUTTING GREEN CLEANER**

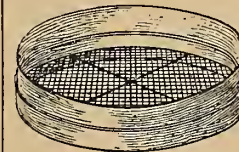
The flexible rake bars are of wood, with steel springs and teeth; they rotate like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity.

24-in. Rake, or Sweeper, \$32.00.

36-in. Rake only, \$45.00.

Please specify when ordering if wanted for lawn or putting greens.

**Sweeping Brushes.** Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. \$9.00 per set of three, when purchased separately. We can also supply the Philadelphia Horse Lawn Sweeper. Price upon application.



**SIEVES**

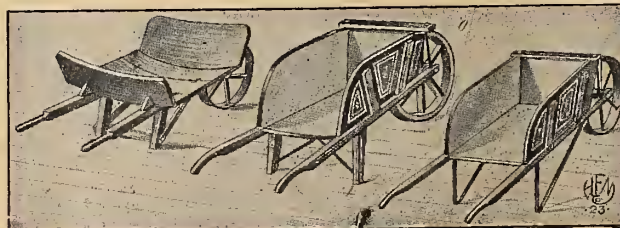
(Any Size Mesh) Made extra well.

By Mail

	Each	Each
20-inch Steel (Heavy).....	\$1.55	.....
20-inch Galvanized wire.....	1.55	\$1.75

**LARGE UPRIGHT SIEVE**

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. \$13.50 each.



Canal

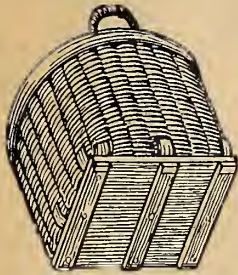
Great American

**Wheelbarrows**

The measurements of barrows are understood, viz.: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

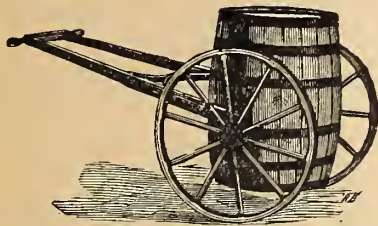
No.	Tire In.	Length In.	Depth In.	Width In.	Price	
Lansing Lawn.....	1 3/4	32 1/4	20 1/2	26 1/4	\$19.00	
Great American.....	1	2 3/4	30	12	25	10.00
Great American.....	2	2 3/4	28	12	24	9.00
Great American.....	3	2 3/4	26	12	22	8.25
Great American (Boys').....	4	1 3/4	22	9	18	6.00
Canal. Side dump (bolted).....						5.50
Special Greenhouse Style. Narrow body and handle width.....						11.00

## RUBBISH BASKETS



wheeled on a barrow.

On all large places, on the lawn, in flower and vegetable gardens, a basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.50 each.



## BARREL TRUCKS, ETC.

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

- 2½-inch tire truck, all iron wheels, with barrel.....\$20.00
- 3½-inch tire truck, all iron wheels, with barrel..... 21.00
- Extra Barrels, with trunnions, open head..... 6.00



## WOOD LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown above.

- Leaf Rack only, no truck.....\$8.00
- Leaf Rack with 2½-inch tire truck...20.00
- Leaf Rack with 3½-inch tire truck...21.00
- Truck with 3½-inch tire wheels, no rack or barrel.....13.50

## BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early; made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

- No. 1, 6 x 12 inch. Per 50, \$1.85 (by mail, \$2.05); \$3.25 per 100 (by mail, \$3.60); per 1000, \$27.50.
- No. 2, 6½ x 13 inch. Per 50, \$2.25 (by mail, \$2.50); \$4.00 per 100 (by mail, \$4.40); per 1000, \$35.00.
- No. 3, 7 x 14 inch. Per 50, \$2.50 (by mail, \$2.85); \$4.25 per 100 (by mail, \$4.85); per 1000, \$36.00.

## BALL CELERY HANDLER

Brass \$3.65 each (by P. P., \$3.80). Tin, \$1.80 each (by P. P., \$1.90).



## KEYSTONE LEAF RACKS

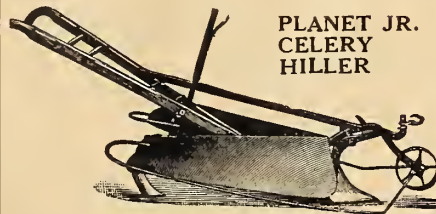
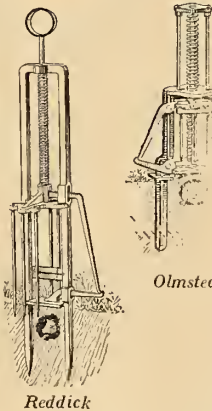
This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$8.00.

## MOLE TRAPS

Complete Booklet on the Habits of the Mole mailed free, or included with each Mole Trap if asked for at time of ordering.

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A.M. and 5 P.M., so that traps should be set for that period.

- Olmsted..... \$2.25
- Reddick..... 1.25

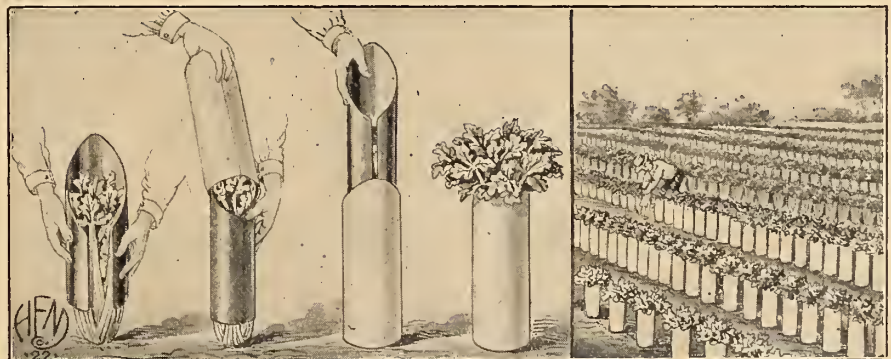


## PLANET JR. CELERY HILLER

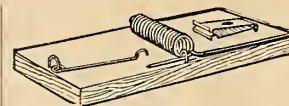
Double, for hilling one side of 2 rows. Price, \$36.75.

## CELERY PAPER

For winter protection; 500 sq. ft. per roll. Price upon application.



Ball Celery Bleacher

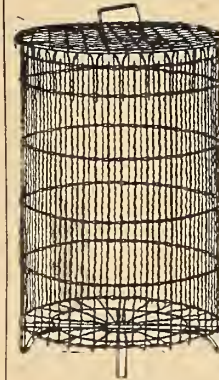


## OUT-OF-SIGHT TRAPS

The most satisfactory mouse and rat trap. Set off at the least vibration.

- |            |         |        |
|------------|---------|--------|
|            | By mail |        |
|            | Each    | Each   |
| Mouse..... | \$0.10  | \$0.15 |
| Rat.....   | .20     | .35    |

## RUBBISH CONSUMERS



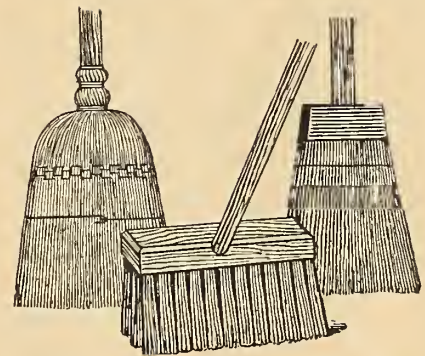
Made of galvanized wire; an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

### Light Wire

- |                     |            |
|---------------------|------------|
| Diam.               | High Price |
| A. 12 in. 18 in.... | \$2.25     |
| B. 15 in. 22 in.... | 2.50       |
| C. 18 in. 26 in.... | 2.75       |
| D. 21 in. 31 in.... | 3.50       |

### Extra Heavy Construction

- No. 10, 16x22 in. \$12.00
- No. 20, 20x30 in. 16.00



Plain Corn Rattan Push Jap. Fibre

## BROOMS AND BRUSHES

For sweeping paths, gutters, roads, etc.; all with handles.

### BROOMS

- No. 230. Japanese Fibre.....\$0.90
- No. 8. Corn and Rattan mixed..... 1.20
- Golf Greens (Birch)..... .25
- No. 7. Plain Corn, extra quality..... 1.00

### ROAD BRUSHES

- (With Handles)
- No. 271. Rattan Push, 14 in.....\$1.40
- No. 0286. Bass or Cocoa Push, 14 in. 1.40



### EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

16 feet.....	} 70c. per ft.	26 feet.....	} 75c. per ft.
18 feet.....		28 feet.....	
20 feet.....		30 feet.....	
22 feet.....		32 feet.....	
24 feet.....		34 feet.....	

### SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots and with perfect runds.

10 feet.....\$5.50	16 feet.....\$8.80
12 feet..... 6.60	18 feet..... 9.90
14 feet..... 7.70	20 feet.....13.00

### STEP LADDERS

Gem. 4 ft. to 10 ft., 65c. per foot.

### POSTHOLE DIGGERS

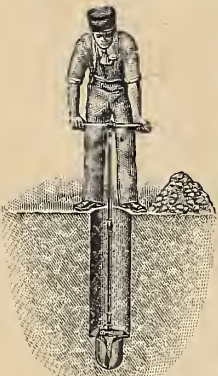
No. 8.

This bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches, \$6.00.

No. 15. Eureka, \$2.50.

#### Post Hole Spade

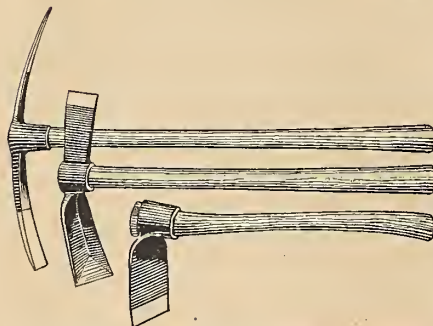
All steel with either point or tamper end, \$2.50.



No. 8 Digger



Spade



### PICKS (Price includes Handle)

All steel, Double point, \$1.25.

### MATTOCKS

(Price includes Handle)

Axe, pointed.....	\$1.50
Pick, pointed.....	1.50
Half Mattocks or Grub Hoes.....	1.50



### PEXTO SCREW DRIVERS

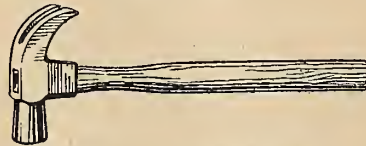
4-in. blade... \$0.50	7-in. blade....\$0.75
5-in. blade... .60	10-in. blade.... 1.00

If wanted by Parcel Post add 10c. each for postage.



### AXES

Plumb Make, medium, man's size. made of best quality steel.....\$2.75



### STEEL HAMMERS

No. 011½ Pexto, \$1.10 (by mail, \$1.25).



### HATCHETS

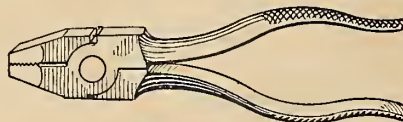
Made of the best quality tool steel, that will keep an edge.

Plumb, \$1.75 (by mail, \$1.90).



### MONKEY WRENCHES

For machinery. Made of first quality hard steel; 8-inch, 75c. (by mail, 85c.); 10-inch, 85c. (by mail, \$1.00).



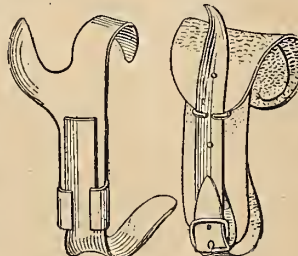
### STEEL PLIERS

		By mail
No.	Each	Each
133.	Side cutting, 6 in.....	\$1.25 \$1.35
133.	Side cutting, 7 in.....	1.50 1.60

### HUSKING PINS

No. 15. Universal. All metal; adjustable to any size hand, 15c. (By mail, 25c.).

No. 16. Combination; leather and metal, 15c. (by mail, 25c.).



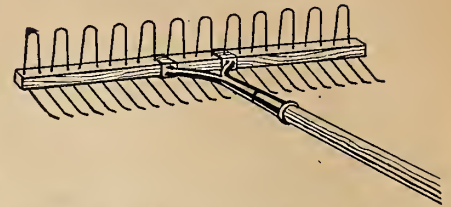
No. 15

No. 16



### CORN KNIFE

Little Giant. Made of high grade steel, oil tempered; polished on one side; tang extends through oval wood handle. Price, 75c. (by mail, 90c.).



### WIRE LAWN OR GRASS RAKE

Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

No. Tooth	No. Tooth
124R... 20...\$0.85	36LR... 36...\$1.50
No. 342H—42-tooth, very close for cleaning off putting greens, \$1.50.	

### OLE OLSEN LAWN RAKE

Made of best hard wood, well braced; teeth set close together.

26-tooth, hickory wood. Price, \$1.25.



### AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

Wood, 26-tooth, \$1.50 | Wood, 38-tooth, \$1.85  
Galvanized, 24-tooth.....\$1.75



### JAPANESE BROOM RAKE

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom. Price, \$1.00 each.

### WOODEN RAKES

Ames, No. 37X. 24-tooth, steel bows...\$1.40  
Ames, No. 30X. 14-tooth, hardwood... 1.20  
Wire Braced. 20-tooth, lawn..... .85



### YELLOW JACKET SELF CLEANING LAWN RAKE

This rake eliminates all the annoyance of stopping work to free the teeth of leaves and grass; a slight backward push and the teeth are clear. Made from the highest grade materials; indispensable for small suburban homes, large estates, parks, country clubs, etc. 21-inch head, 24 heavy wire teeth. Price, \$1.50 each.



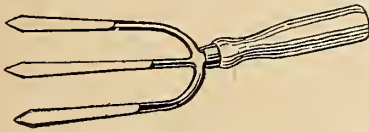
## WIRE SCOOP SHOVEL

For handling potatoes, turnips and root crops without bruising or cutting. Made of heavy steel wire. . . . . \$2.75



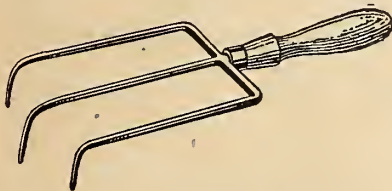
## SNOW SHOVELS

Adams. Wood, D handles. . . . . \$1.25  
Phillips. Wood, long handle. . . . . 1.25  
Owosso. Galvanized (see cut). . . . . 1.75



## EUREKA WEEDING FORK

Letter G. Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds, etc., 50c. (by mail, 60c.).



## EUREKA WEEDER No. 6

Letter E. Made of flexible steel; very light, an ideal tool for market gardeners, florists and amateurs, 50c. (by mail, 60c.).



## EXCELSIOR WEEDING FORK

No. 300. Made of malleable steel, finished in tin, 15c. (by mail, 25c.).



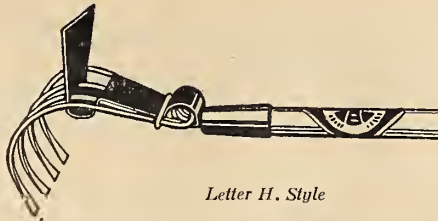
## EXCELSIOR WEEDER

Made of malleable iron, finished in tin, 15c. (by mail, 25c.).



## HAZELTINE WEEDER

No. Bw1, 40c. (by mail, 50c.).



Letter H. Style

## MAGIC WEEDER

Made of heavy galvanized flexible wire with flattened prongs or ends.

Letter A. Short Handle, Small. . . . . \$0.20 (by mail, 30c.).  
Letter B. Short Handle, Medium. . . . . 30  
Letter H. Long Handle, Large. . . . . 1.10

## MAKEFIELD WEEDER

A splendid little tool for weeding in the garden seed bed, greenhouse or hotbed; made of fine tool steel, it can be sharpened easily and does not become dull readily; with it you can work closer to seedlings than with any other tool we know of. 50c. each (by mail, 60c.).



## JOHNSON STEEL TROWELS, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.  
5 in. . . . . \$0.75 | 7 in. . . . . \$0.85  
6 in. . . . . .80

If wanted by parcel post add 10c. each for postage.



## D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade, 85c. each (by mail, 95c.).



## CLEVES' ANGLE TROWEL No. 217

For getting dandelion, plintain and other weeds out of the lawn, and tran planting.

	Each	P. Post	Each
5 inch. . . . .	\$0.30		\$0.40
6 inch. . . . .	.35		.45
7 inch. . . . .	.40		.50

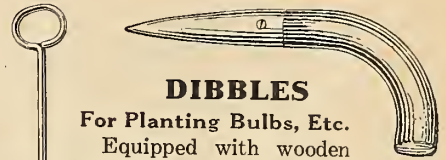


## TRANSPLANTING TROWEL

Steel shank and blade. 75c. (by mail, 85c.).

## MISCELLANEOUS TROWELS

	Each	By Mail
No. 213—5 inch. . . . .	\$0.25	\$0.35
No. 213—6 inch. . . . .	.30	.40
No. 0. Neverbreak—6 inch, heavy steel. . . . .	.25	.35



## DIBBLES

For Planting Bulbs, Etc. Equipped with wooden handles.

No. 2180. Brass point, \$1.00 (by mail, \$1.10).  
No. 218. Iron point, 75c. (by mail, 85c.).

## GERMAIN AUTOMATIC LAWN WEEDER

(See cut to left)

This weeder will kick out all weeds that a lawn may be infested with. Grasp the handle firmly, put point of weeder against weed, place foot against the foot rest, pull handle towards you, using foot as a pivot and the weeder will automatically kick the weed out. Nothing to get out of order. Price, \$1.75 each.



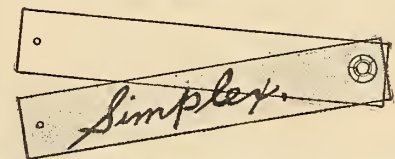
## TREE LABELS

If wanted by parcel post, add 10c. per 100 for postage.

	100	1000
Iron Wired. Plain. . . . .	\$0.35	\$2.25
Iron Wired. Painted. . . . .	.45	2.75
Copper Wired. Plain. . . . .	.45	2.75
Copper Wired. Painted. . . . .	.55	3.25
Copper Sheet, wired. 30c. doz.;	1.75	
Zinc Sheet Wired. . . 30c. doz.;	1.75	
Indelible Marking Pencils. Each. . . .	.18	

## PAINTED POT LABELS

	100	per 100	1000
4 inch. . . . .	\$0.35	\$0.45	\$2.30
4 1/2 inch. . . . .	.40	.50	2.80
5 inch. . . . .	.45	.55	3.05
6 inch. . . . .	.55	.65	3.55
8 inch. . . . .	1.60	1.75	9.50
10 inch. . . . .	2.00	2.15	12.25
12 inch. . . . .	2.35	2.50	14.40
18 inch, for field use..	6.25	6.55	57.00

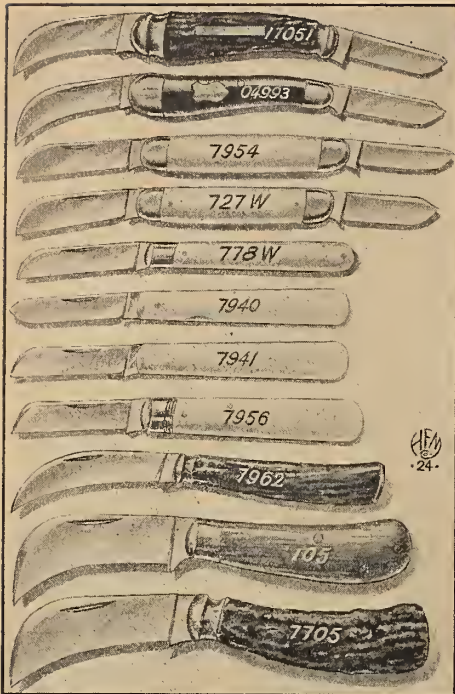


## Simplex Weatherproof Plant Label

The material carrying the writing is white celluloid with a specially prepared surface. This is protected by a transparent cover of mica. Prices, including copper wires for attaching.

	Sizes	Doz.	100
No. 1—3 x 1/2 inch. . . . .		\$0.50	\$2.50
No. 2—4 x 3/4 inch. . . . .		.85	5.00
No. 3—5 x 1 inch. . . . .		1.10	7.50

If wanted by parcel post, add 15c. per 100 for postage.



## HORTICULTURAL KNIVES

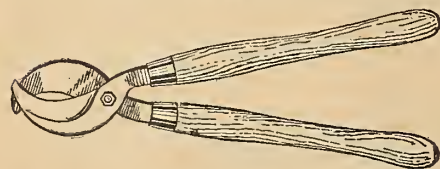
A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to give good satisfaction.

### WOSTENHOLM ENGLISH

No.	Each
7705 Pruning, 1 blade, stag handle, extra heavy	\$2.75
7940 Budding, 1 blade, white handle	2.75
7941 Budding, 1 blade, white handle	2.75
7954 Budding, 2 blade, white handle	3.00
7956 Budding, 1 blade, white handle	3.25
7962 Pruning, 1 blade, stag handle	2.50
17051 Pruning, 2 blades, stag handle	3.00

### AMERICAN MAKE

105 Pruning, 1 blade, cocoa handle	1.10
727W Budding, 2 blades, white handle	1.35
778W Budding, 1 blade, white handle	1.15
04993 Budding and Pruning, 2 blades, ebony or stag handle	1.40



## RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. The easiest operating Lopping Shear ever made or sold. 24-inch and 28-inch handles. Price, \$5.00. (By mail, \$5.25.)

## ENGLISH LOPPING SHEAR

No. 109. Made of the finest English steel; 4-inch cut; will sever heavy branches readily. Price, \$6.75 (by mail, \$6.90).



Pexto Pruning Shear

## PRUNING SHEARS

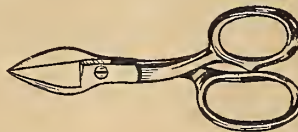
Our pruning shears are procured from the most reliable makers and all are fully guaranteed.

If wanted by Parcel Post, add 15c. each for postage.

No.	Length	Each
110 Perfection	8 in.	\$3.00
50 Pexto	8 in.	1.10
R50 Pexto	9 in.	1.40
55 Pexto	9 in.	1.65
R95 Pexto	10 in.	4.00
109 Wiss	8 in.	3.50
65 Pexto, American	9 in.	1.75
R165 Pexto, American	9 in.	2.50
R70 Pexto, American	9 in.	2.00
0 Pexto	9 in.	.65
23 Henckel, Nickeled	4½ in.	1.75
23 Henckel, Nickeled	6½ in.	2.00
14 Nickeled	6½ in.	1.75
1586 French	7½ in.	2.75
1586 French	8½ in.	3.25

Spiral Springs for any of the above Pruning Shears. 20c. each; per doz., \$1.75 (by mail, \$1.85).

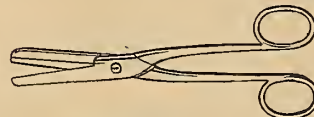
No. 1



No. 2



No. 3



Key to illustrations: No. 1, Wire and Tin Shears No. 833; No. 2, Wire and Tin Shears No. 832; No. 3, Flower Scissors.

## WIRE AND TIN SHEARS

If wanted by Parcel Post, add 10c. each for postage.

No. 833. 7½ inch, used for cut flower wire, etc.	\$1.10
No. 832. 8-inch, used for cut flower wire, etc.	1.15
No. 12. 8-inch for heavy wire and tin	1.35
No. 10. 10-inch for heavy wire and tin	1.75

## GRAPE SCISSORS

For thinning out bunches of grapes, and not disturbing the berries that are to remain for development.

No. 6148. 6 inch, \$1.50 (by mail, \$1.60).

## FLOWER SCISSORS

No. 1922. Cuts flower and holds the stem. Price, \$1.75



## LEVIN PRUNER No. 23

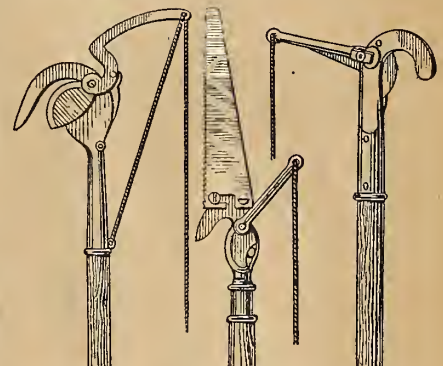
The handle of these shears affords a great deal of leverage, which makes very easy cutting possible. Price, 90c. (by mail, \$1.00).



## STEEL HEDGE KNIFE

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel with a slight hook on blade. See illustration. Each, \$5.00.

No. 1. Steel Hedge Knife, short handle. Each, \$1.25.



Disston's Little Giant

Disston's Little Giant With Saw

Telegraph

## TREE PRUNERS

If wanted by Parcel Post, add 20c. each for postage.

Disston's Little Giant. Pruner... \$2.25

Disston's Little Giant. With saw attachment... 3.00

Prices are for Pruner without rope or pole.

## TELEGRAPH TREE PRUNERS

Removable blade, which can be renewed when worn out for 30c. Price, plain, without pole, \$2.25 (by mail, \$2.40).

## WATERS TREE PRUNERS

With removable cutting blade and pole complete.

4 feet	\$2.50
6 feet	3.00
8 feet	3.25
10 feet	3.50
12 feet	3.75
14 feet	4.25

Extra Blades for Waters Pruners, 35c. each.

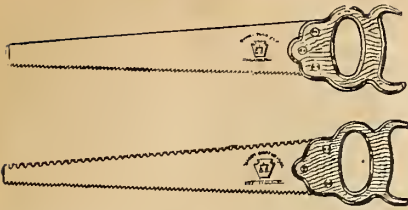
The Waters Tree Pruners are equipped with poles.



Waters Pruners are not mailable.

### Poles for Tree Pruners

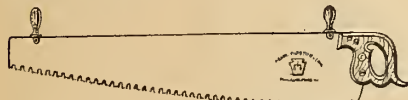
12 feet long, 1¼ inch diameter	\$2.75
14 feet long, 1½ inch diameter	3.00



## DISSTON PRUNING SAWS

If wanted by Parcel Post, add 15c. each for postage.

- No. 4. 18-inch. Double edge.....\$1.75
- No. 4. 20-inch. Double edge..... 1.90
- No. 7. 16-inch. Single edge..... 1.60
- No. 7. 18-inch. Single edge..... 1.70
- No. 7. 20-inch. Single edge..... 1.80
- No. 7. 22-inch. Single edge..... 1.90
- 15-inch. California Pattern. Crescent shaped blade..... 1.25



## CROSS CUT LOG SAWS

Disston Make.

- Keystone No. 3, one-man, 3 1/2 ft. blade. \$3.75
- Gt. American, two-man, 5 ft. blade. . . . 5.75



## CARPENTER SAWS

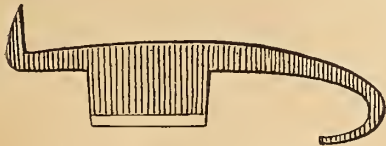
State if rip or cross-cut is wanted.

- Disston No. 8D. 26-inch blade. . . . . \$3.50
- Disston No. 8D. (Rip) 28-inch blade. . . 4.00



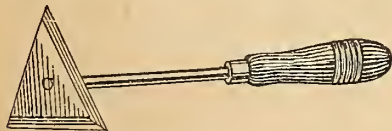
## GRAFTING WAX

1/4 lb., 15c.; 25c. per 1/2 lb.; 1 lb., 45c. (by mail, 55c.).



## GRAFTING TOOL

Made of the best steel. For grafting trees, etc. All steel, \$1.00 (by mail, \$1.10).



## TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. No. 5, short handle, 75c. (by mail, 85c.).

## TREE OR BARK BRUSHES

For brushing down trees for removing insects, borers, etc. Made of steel. Price, 8 1/2-inch, 60c. (by mail, 75c.).



## LEATHER PRUNING GLOVES

If wanted by Parcel Post, add 10c. pair for postage.

- No. 216. Horsehide, with gauntlets, lined.....\$2.00
- No. 66. Horsehide, with gauntlets, not lined..... 2.00
- No. 62. Buckskin, with gauntlets, not lined..... 2.75



Hawkeye Tree Protector Wire Guard Iron Guard

## TREE GUARDS

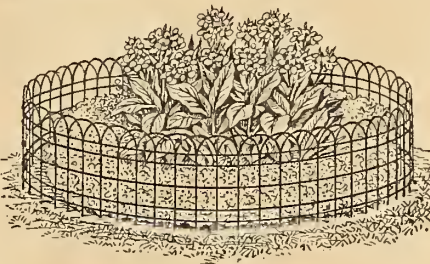
Galvanized Wire. Carefully made of heavy material and finished in a neat and substantial manner. 12 in. diam., \$2.50; 9 in. diam., \$2.25 each.

No. 4. Iron. Made of flat iron, finished black; will last indefinitely with an occasional painting. \$3.75 each.

Phila. Official Tree Guard. Made of heavy round iron. \$6.50 each.

## HAWKEYE TREE PROTECTOR

Protects trees from destructive rabbits, mice, borers and cut worms, from cultivator bruises and skinning. Quick and easy to attach—wrap this chemically treated protector around the tree and tie at top and bottom. It will last for years. Standard size, 10 in. wide; 20 in. high. 50c. per doz.; per 100, \$2.25; \$18.00 per 1000.

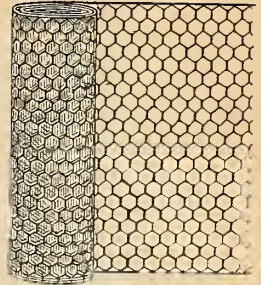


## FLOWER BED FENCING

- For putting around beds, lawns, etc. Any length desired up to 165 running feet.
- 18 in. Less than 165 ft. roll, 12c. per ft.
- 18 in. In roll lots, 165 ft., 10c. per ft.
- 24 in. Less than 165 ft. roll, 13c. per ft.
- 24 in. In roll lots, 165 ft., 12c. per ft.

## WIRE NETTING

Price is constantly changing and is subject to market.



No. 19. Galvanized, two-inch mesh, 150 running feet per bale.

Width	Per Bale	Width	Per Bale
12 inches.....	\$1.68	42 inches.....	\$4.88
18 inches.....	2.40	48 inches.....	5.58
24 inches.....	3.00	60 inches.....	6.88
30 inches.....	3.68	72 inches.....	8.37
36 inches.....	4.19		

No. 20, galvanized, one-inch mesh, 150 running feet per bale.

Width	Per Bale	Width	Per Bale
12 inches.....	\$3.36	42 inches.....	\$9.75
18 inches.....	4.80	48 inches.....	11.15
24 inches.....	6.00	60 inches.....	13.00
30 inches.....	7.32	72 inches.....	15.60
36 inches.....	8.37		

## STAPLES

3/4 inch, for fastening netting, 15c. per lb. (by mail, 25c.).

## CUT WIRE NETTING

We can furnish this in both 1- and 2-inch mesh, in units of 25-ft., 50-ft., 75-ft., 100-ft. and 125-ft. lengths. 1-inch mesh at 4c. per square ft.; 2-inch mesh at 2c. per square ft.

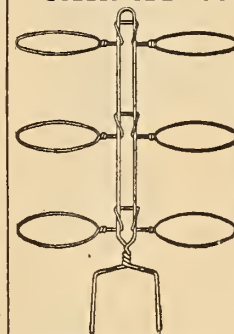
## CARNATION SUPPORTS

The Richmond, shown here, is the most popular support on the market. Can be put together in a minute and is always satisfactory; 24 in. high.

Richmond, double  
Doz. 100 1000  
\$1.50 \$7.50 \$67.50

Model, 2-ring  
Doz. 100 1000  
\$1.00 \$6.50 \$57.50

Model, 3-ring  
Doz. 100 1000  
\$1.25 \$7.00 \$65.00



Richmond 3-Ring Support (Double)

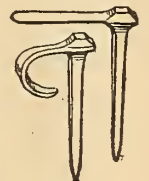
## WALL NAILS

For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall.

1-inch, 45c. per doz.; per 100, \$2.75 (by mail, \$2.90).

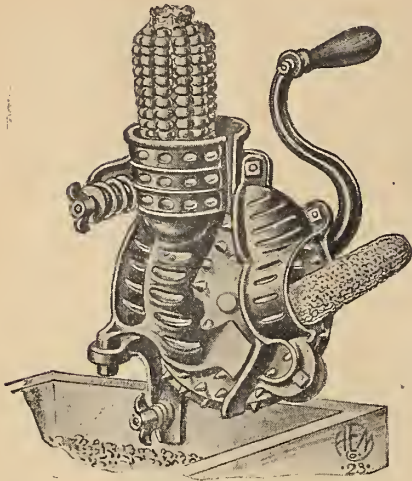
1 1/2-inch, 60c. per doz.; per 100, \$3.75 (by mail, \$3.95).

2-inch, 75c. per doz. (by mail, 85c.); per 100, \$4.50 (by mail, \$4.75).



Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.

# MICHELL'S FARM AND GARDEN ACCESSORIES



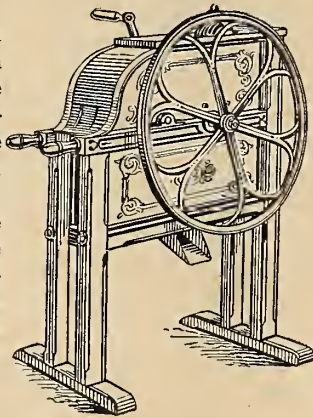
## BLACK HAWK CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing; suitable for fastening to a bench, box, etc., for shelling small quantities of corn. \$3.25 each.

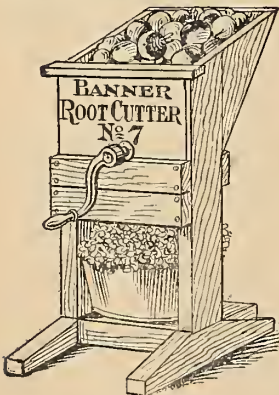
## PENNA. CORN SHELLER

### No. 3

Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another. \$16.00.



## BANNER ROOT CUTTERS



Roots of vegetables cut up fine take the place of grass and greens during the winter months.

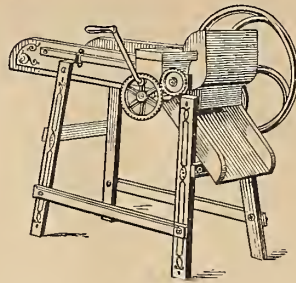
No. 7. For poultry, sheep and lambs, \$6.50.

No. 16. Medium size, \$22.50.

No. 35. Large size, \$30.00.

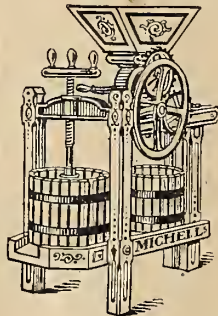
If pulley is wanted on Nos. 16 and 35, add \$1.50.

Our Garden Tools and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best of quality.

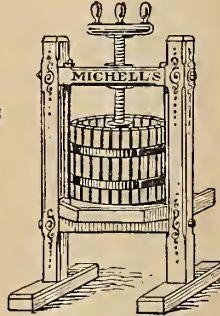


## HAY AND FEED CUTTER

For cutting hay, ensilage, etc. Triumph. Double knife. . . . . \$17.50



Cider Mill



Fruit Press

## CIDER MILLS

	Capacity	Price
Bantam, 1 single tub. . . . .	1/2 bu.	\$25.00
Junior. . . . .	5/8 bu.	30.00
Medium. . . . .	3/4 bu.	35.00
Senior. . . . .	1 1/4 bu.	48.00

## FRUIT PRESSES

Made of best quality wood, carefully bolted and finished.

No.	Capacity	Price
1	1/4 bu.	\$8.00
2	1/2 bu.	9.00
3	1 bu.	13.50
7	Very heavy. . . . .	40.00

## KEGS

5-gal. cap. . . . . \$2.75 | 10-gal. cap. . . . . \$3.00



## WATER SEAL CANNER

Put up your own Vegetables and Fruits with an Improved Water Seal Canner. It gives the necessary rapid application of heat, and maintains it uniformly as long as required. Insures canned fruits and vegetables that retain their natural color, delicious flavor, rich food value and firmness. Strongly built of galvanized iron, with brass fittings. The Water Seal Canner is portable and adapted to kitchen stove, gas range or open fireplace.

No. 1. Capacity, 13 one-quart glass jars, or 17 three-pound cans, \$12.50 each.

No. 7. Capacity, seven one-quart glass jars or 10 one-pint glass jars, \$7.00 each.

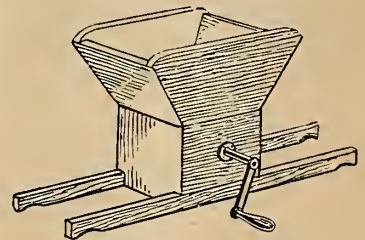
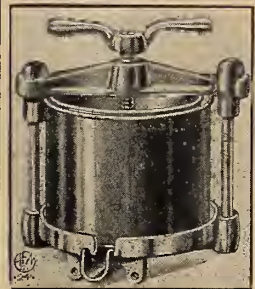


## JUICY FRUIT PRESS

A very valuable press for making Jellies, Fruit Syrups, Lard, etc. All parts coming in contact with fruit juices are tinned with pure block tin. Base and feet cast as one piece. Price, \$8.50.

## PRESTO FRUIT PRESS

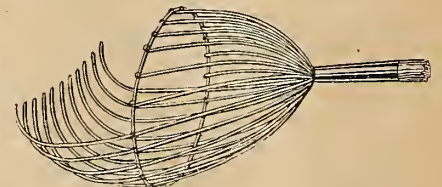
Used for extracting juices from Berries, and other Fruits. Made entirely of iron and steel; all parts heavily tinned. No. 1. 3 quart size. . . . . \$6.00  
No. 2. 6 quart size. . . . . 10.00  
No. 3. 9 quart size. . . . . 12.00



## GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

No. 5. . . . .	\$5.00
No. 10. . . . .	6.00
No. 20. Double wooden rollers. . . . .	7.50



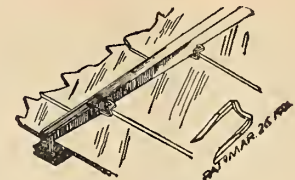
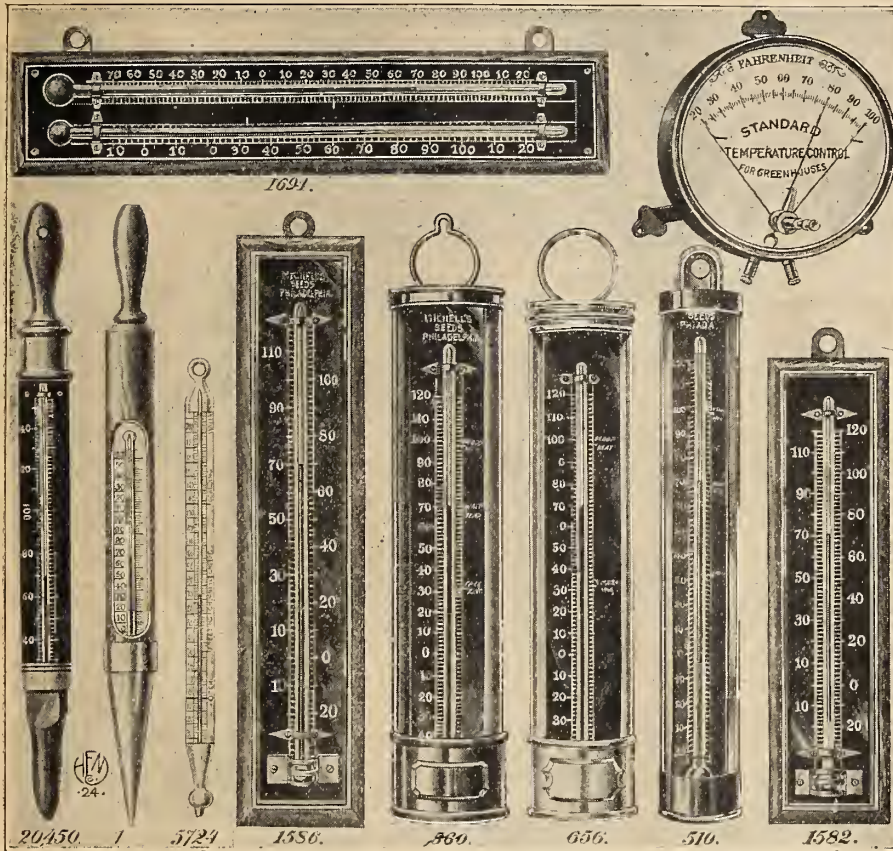
## BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 40c. (by mail, 50c.).

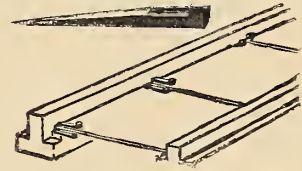
## PARCEL POST SHIPMENTS

Where goods can be shipped in this manner, we have affixed the postage charges opposite. Where remittance accompanies order please include sufficient to cover mailing charges.





Peerless Glazing Point



Siebert's Glazing Point

## GLAZING POINTS

**Peerless.** Three sizes.  
 No. 1, for single thick glass.  
 No. 2, for single thick glass.  
 No. 2½, for double thick glass.  
 Price, 65c. per 1000 (by mail, 75c.).  
**Pincers.** For driving Peerless Points, 60c. (by mail, 70c.).  
**Siebert Style (Zinc).** Made with a prominent head; cannot rust; easily driven. 5/8, 3/4 and 7/8 inches long. 55c. per lb. (by mail, 65c.); 5 lbs., \$2.50 (by mail, \$2.65). 1000 to 1200 in a lb.  
**Zinc Glazing Nails.** 45c. per lb. (by mail, 55c.).

## MASTICA

For glazing greenhouses. One gallon will cover about 300 running feet. Gal., \$2.50.

## GREENHOUSE WHITE

A superior white paint for sash bars, sash frames, etc. Per gal., \$3.75.

## PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, \$1.50 (by mail, \$1.60).



Mastica Machine



Putty Distributor

## MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$3.00 (by mail, \$3.10).

## WEATHERCRAFT GLAZING GUN

For applying liquid glazing putty, mastica, etc., each, \$8.00.

## DAYLIGHT GLASS CLEANER

For taking off whitewash shading, etc. Apply with a brush, leave on a few minutes and rinse off with cold water. One gallon with clean 400 to 600 square feet of glass. Per gal., \$2.75; \$11.00 per 5 gals.

## THERMOMETERS

No. 1694. Maximum and Minimum. Registering the coldest and the warmest point during the previous night. Price, \$4.00.

## TESTED THERMOMETERS

- |  |      |        |
|--|------|--------|
| No. 506— 8 inch, Tin Case                | Each | \$0.85 |
| No. 510—10 inch, Tin Case                |      | 1.00   |
| No. 556— 8 inch, Greenhouse              |      | 1.00   |
| No. 560—10 inch, Greenhouse              |      | 1.25   |
| No. 652— 8 inch, Genuine Copper Case     |      | 2.00   |
| No. 656—10 inch, Genuine Copper Case     |      | 2.25   |
| No. 1582—8 inch, Wood Back, Black Scale  |      | 2.00   |
| No. 1586—10 inch, Wood Back, Black Scale |      | 2.25   |

## GLASS DAIRY THERMOMETERS

No. 5724. For testing milk, etc., also used for soil purposes. 40c. each.

## MUSHROOM OR HOTBED THERMOMETERS

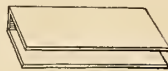
- |  |        |
|--|--------|
| No. 20450. Galvanized Iron Point, each | \$2.25 |
| No. 1. Brass Point, Paper Scale, each  | 1.75   |

## RECORDING THERMOMETER

No. 200. This type of thermometer which can be equipped with either a daily or weekly chart enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, \$45.00.

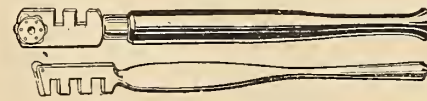
## ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass. No. GH3, not waterproof style, \$11.50. No. GH4, waterproof style, \$17.50. See illustration above.



## PEERLESS GLASS REPAIR CLAMP

For supporting broken lights of glass. Will not rust. Price, \$1.75 per 100 (by mail, \$1.85).



## GLASS CUTTERS

- |                                       |        |
|---------------------------------------|--------|
| Single Wheel, steel, each             | \$0.20 |
| 6 Wheel, steel, each                  | .45    |
| No. 8 Small Diamond. Ebony handle     | 4.50   |
| No. 8A Large Diamond. Mahogany handle | 5.75   |

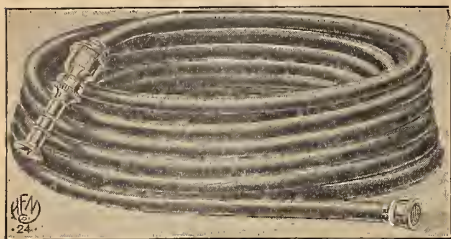
## KEYSTONE LIQUID GLAZING PUTTY

Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

Especially adapted for glazing wood and metal sash. Per gal., \$2.50.

## BLACK GLAZING CEMENT

Apply with a mastica machine. Per gal., \$1.75.



**RUBBER HOSE**

	Per foot	
*Michell's Special, 1/2 inch	.....	\$0.15
*Michell's Special, 3/4 inch	.....	.18
*Michell's Magic. A splendid smooth finish, red hose; 3/4 inch	.....	.22
*Michell's Akron. Flexible, durable, uninkable, 3/4 inch	.....	.21
*Electric, 3/4 inch	.....	.22
*Electric, 1/2 inch	.....	.20
*Whip-Cord, 3/4 inch	.....	18 1/2
*Evergreen, 3/4 inch	.....	.18
Spray Pump Hose, 3/8 inch	.....	.16

P. S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 35c. per pair for couplings.

Hose Washers. 3/4 inch, 8c. per doz.; 1/2 lb., 25c.; 75c. per lb. (by mail, 85c.). 1 inch, 8c. per doz.; 1/4 lb., 30c.; \$1.00 per lb. (by mail, \$1.10).



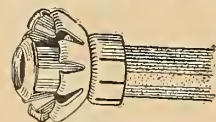
Cooper Hose Mender

**HOSE MENDERS**

If wanted by parcel post, add 10c. per doz. for postage.

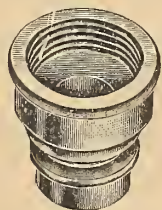
	Each	Doz.
Cooper's 3/4-inch	.....	\$0.12 \$1.15
Cooper's 5/8-inch	.....	.12 1.15
Cooper's 1/2-inch	.....	.12 1.15
Iron, 3/4-inch	.....	.10 1.00

**PERFECT HOSE MENDERS**

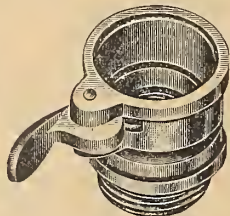


Made entirely of brass, with swivel motion—No band required.

For 1/2-inch and 3/4-inch hose, 15c. each; doz., \$1.50 (by mail, \$1.60).



No. 3



No. 4

**ACME HOSE COUPLINGS**

For quickly connecting and detaching hose. No. 3 part, for attaching to spigot, 30c. each; doz., \$3.00 (by mail, \$3.10).

No. 4 part, for attaching to hose, 50c. each; doz., \$5.00 (by mail, \$5.10).

Couplings complete, consisting of one No. 3 and one No. 4 part, 80c. each; per doz., \$8.00 (by mail, \$8.15).



Caldwell Band as applied to Hose



**HOSE BANDS**

For fastening couplings and menders.

**CALDWELL'S**

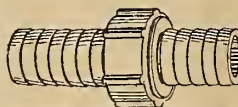
If wanted by parcel post, add 15c. per gross for postage.

No.	Doz.	Gross
8. For 4-ply hose	.....	\$0.40 \$3.50
6. For 3-ply hose	.....	.40 3.50

**SURE GRIP**

Can be furnished with a clamp on 1/2-inch, 5/8-inch and 3/4-inch, either size, 5c. each; doz., 45c. (by mail, 55c.).

**HOSE COUPLINGS**



If wanted by parcel post, add 15c. per doz. for postage.

	Pair	Doz.
Plain Brass	..... 1/2 inch	\$0.25 \$2.25
Plain Brass	..... 3/4 inch	.25 2.25

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 35c. per pair; doz., \$3.75 (by mail, \$3.90).

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



No. 2 Snap Coupling No. 1 Snap Coupling

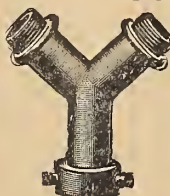
**SNAP HOSE COUPLINGS**

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 35c. per pair; doz. pairs, \$3.75 (by mail, \$4.00). Washers, 25c. per doz.

**SNAP COUPLING PARTS**

No. 2. Male. 15c. each; per doz., \$1.50 (by mail, \$1.60). No. 1. Female. 25c. each; per doz., \$2.50 (by mail, \$2.60).

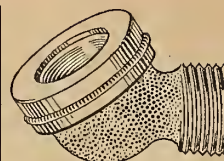
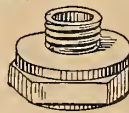
**No. 68. SIAMESE HOSE CONNECTION**



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 85c. each (by mail, 95c.).

**HOSE REDUCERS**

For reducing 1-in. pipe to fit regular 3/4-in. hose. Each, 70c. (by mail, 80c.).



**HYDRANT ATTACHMENTS**

For attaching hose to smooth faucets. No. 2. For small spigot, 60c. (by mail, 70c.).

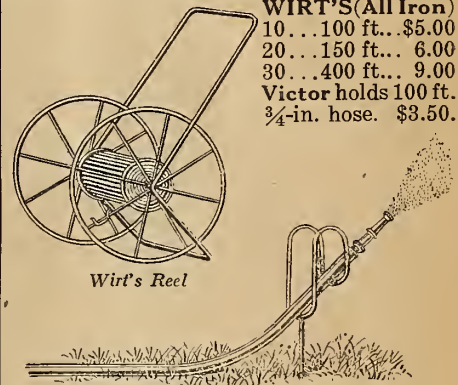
No. 3. For large or standard spigot, 65c. (by mail, 75c.).

**HOSE REELS**

Meon. Made entirely of steel; very strong; easy to operate, the reel acting both for winding and wheeling.

No. A1.	90 ft. capacity	.....	\$3.25
No. A2.	130 ft. capacity	.....	3.50
No. A3.	180 ft. capacity	.....	4.00

**WIRT'S (All Iron)**  
10...100 ft...\$5.00  
20...150 ft... 6.00  
30...400 ft... 9.00  
Victor holds 100 ft. 3/4-in. hose. \$3.50.



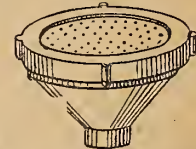
Wirt's Reel

**NOZZLE HOLDER**

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 20c. each (by mail, 30c.).

**BINKS NOZZLE**

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. \$3.00 each; worth twice the price (by mail, \$3.10).



**PERFECTION HOSE NOZZLE**

3-inch hose. Can be regulated to give three different streams. Price, 75c. (by mail, 85c.).



**RAINBOW NOZZLE**

Makes a full stream or fine spray, which can be changed by a slight turn of the finger; positive shut off; no leaks; nothing to wear out. Price, \$1.00 (by mail, \$1.10).

**MISCELLANEOUS NOZZLES**

Price By mail  
Boston, Light Copper.....\$1.35 \$1.45  
Boston, Heavy Brass..... 1.35 1.45  
Champion. A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 60c. each (by mail, 70c.).

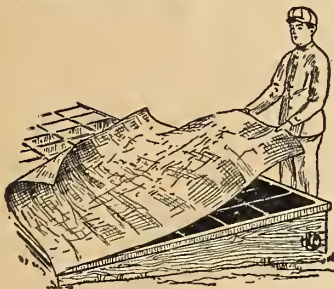
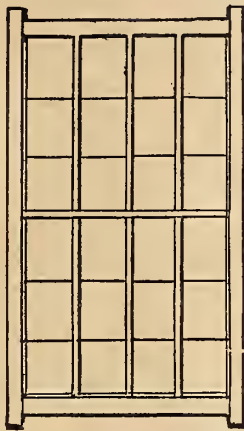
## HOT BED SASH

**Philadelphia Style.** Made of best quality cy-press. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick. Plain, not glazed or painted. Each, \$4.25.

Glazed, including painting and puttying. Each, \$9.00.

**Sunlight Style.** Plain, unglazed. Each, \$5.25. Glazed and painted. Each, \$13.00.

**Crating Charges** on all Glazed Sash, 50c. per sash additional.



## HOTBED MATS

Hotbed mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style are the best mats that it is possible to procure. They are padded with shoddy and are practically indestructible.

**Burlap, Non-Waterproof.** 76 x 76 inches, covering two regular size sash. Each, \$3.50; \$37.50 per doz.

**Burlap, Non-Waterproof.** 40 x 76 inches, for one sash. Each, \$2.25; \$25.00 per doz.

**Burlap one side, Waterproof Drill one side.** 76 x 76 inches. \$5.00 each; doz., \$55.00.

**Burlap one side, Waterproof Drill one side,** 40 x 76 inches. \$2.75 each; doz., \$30.00.

**Straw Mats.** 3 x 6 feet ..... \$2.00  
**Straw Mats.** 6 x 6 feet ..... 3.50

Special size Hotbed Mats to order; any length, but only in 72-inch widths. Straw Mats made to order any length, 6 ft. wide. Under 100 sq. ft., 15c. per sq. ft.; 100 to 150 sq. ft., 13½c. per sq. ft.; 150 sq. ft., and over, at 12½c. per sq. ft.

## SHADING OR PROTECTING CLOTH

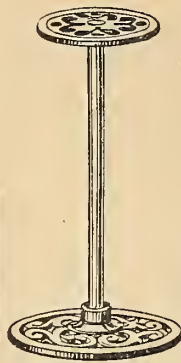
Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards Per piece	Price Per yard	Price Per piece
Light.....	60	\$0.19	\$10.80
Medium.....	50	.24	11.50
Heavy.....	40	.33	12.40

## IRON PLANT STANDS

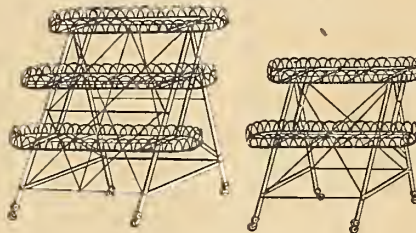
Enameled green.

In.	Size of Plates	Each
12	5 x 7	\$1.55
18	5 x 7	1.75
24	8 x 10½	2.65
30	8 x 10½	2.85
36	8 x 10½	3.00
42	8 x 10½	3.20
48	8 x 12	3.30
60	8 x 12	3.50
72	8 x 12	3.65



## EXTRA PLATES FOR IRON STANDS

	Each	Each
5 inch.....	\$0.50	8 inch.....\$0.70
7 inch.....	.60	10½ inch..... .90
12 inch, each.....	\$1.10	



Jones Plant Stands

## WIRE PLANT STANDS

Painted dark green and finished in bronze. Very substantial and will carry most any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

Jones, 2 shelf...\$5.00 | Jones, 3 shelf...\$6.00

## ROOFING PAPER, ETC.

	Sq. ft.	Per roll
Celery Paper.....	500	\$1.75
Marley Rubber Roofing, 1-ply	108	2.75
Marley Rubber Roofing, 2-ply	108	3.50
Marley Rubber Roofing, 3-ply	108	4.00
Caps for paper.	12c. per lb.; 5 lbs.,	55c.
Nails for paper.	12c. per lb.; 5 lbs.,	55c.

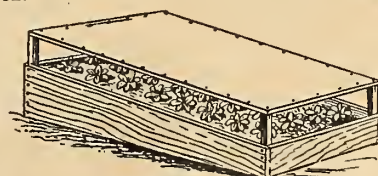
## JONES' POT BRACKET

If wanted by parcel post, add 10c. each for postage.

No. 1. Holds 5-inch pot. Each, 60c.; \$6.50 per doz.

No. 2. Holds 6-inch pot. Each, 65c.; \$7.00 per doz.

No. 3. Holds 7-inch pot. Each, 75c.; \$8.00 per doz.



Shading or Protecting Cloth

For prices, see left hand column.



## CUT FLOWER BOXES CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences, very durable.

	Each	Doz.
48 x 14 x 8 inch.....	\$0.60	\$6.00
42 x 14 x 8 inch.....	.55	5.50
36 x 14 x 6 inch.....	.50	5.00
30 x 12 x 6 inch.....	.45	4.50
24 x 8 x 5 inch.....	.35	3.50

## LIGHT WEIGHT PAPER

Mist green, lined white inside. The sizes offered in this finish are carried in stock, other sizes in this finish, also in manila, mist tan and oxford gray can be supplied on short notice.

L.	W.	D.	Doz.	100
18 x 5 x 3 inch.....			\$0.65	\$4.75
24 x 5 x 3½ inch.....			1.10	7.00
24 x 8 x 4 inch.....			1.30	9.25
28 x 8 x 5 inch.....			2.00	13.00
30 x 10 x 6 inch.....			2.25	16.50
30 x 12 x 7 inch.....			3.00	22.00
36 x 8 x 5 inch.....			2.25	16.50

We can also supply other sizes and styles of boxes.

## PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb.	½ Rm.	Rm.
Manila. For wrapping.....	\$0.20	\$2.25	\$4.00
Manila. Tissue.....	.25	1.15	2.00
Wax. White, 24 x 36 in....	.35	1.65	3.25
Wax. Green, 24 x 36 in....	.40	2.00	3.50

## CREPE PAPER

Colors, green, purple and red. 55c. per roll.



Krick's

Eureka

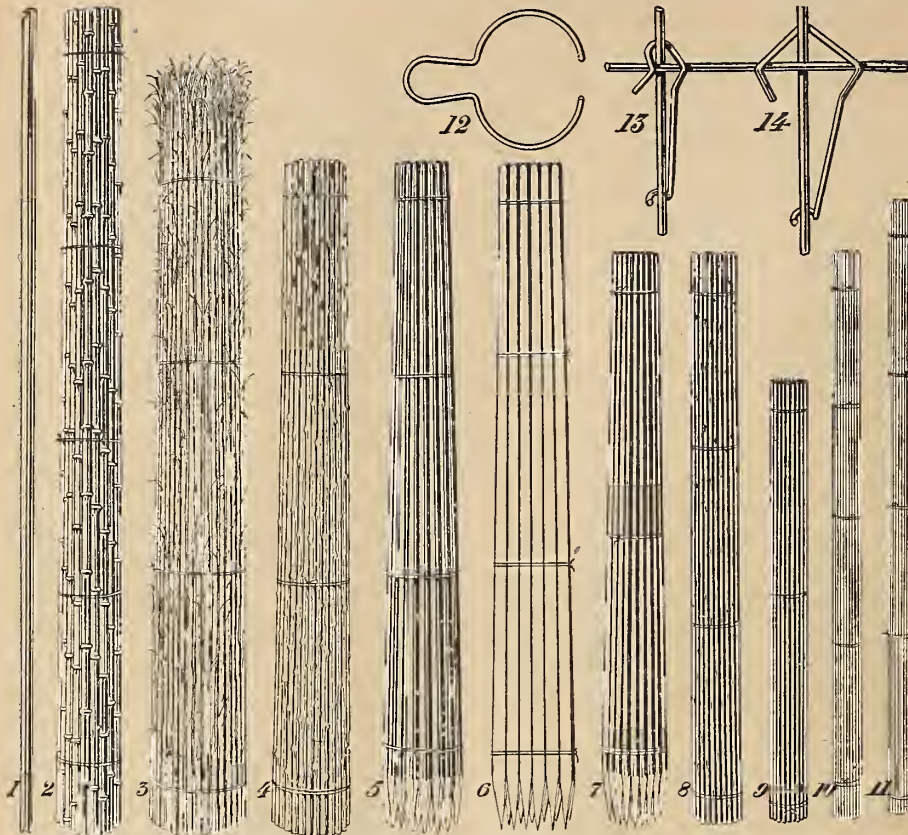
## POT HANGERS

	Each	Doz.
Krick's No. 1. For 3 to 5-in. pots.....	\$0.07	\$0.70
Krick's No. 2. For 6 and 7-in. pots.....	.08	.80
Krick's No. 3. For 8 to 10-in. pots.....	.09	.90

If wanted by parcel post, add 10c. per doz. for postage.

**Eureka.** Suitable for any size pot up to 8 inches. Made of galvanized wire, 15 inches long. 20c. each (by mail, 25c.); \$2.00 per doz. (by mail, \$2.10); \$12.50 per 100.

# MICHELL'S PLANT STAKES, WIRE, ETC.



**KEY TO ABOVE ILLUSTRATION:** No. 1, Pole for Pruners; No. 2, Bamboo Poles, STAKES; No. 3, Southern Cane; No. 4, Japanese Cane, Natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire, No. 10 wire; No. 11, Galvanized Wire, No. 8, wire; No. 12, Wire Plant Tie; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.

## HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants; dyed green.

If wanted by Parcel Post, add 10c. per 100 for postage.

Inch	Doz.	100	1000
5	\$0.05	\$0.25	\$1.50
12	.07	.35	2.50
18	.10	.45	3.50

## GALVANIZED WIRE STAKES

### No. 10 WIRE, LIGHT

Feet	Doz.	100	1000
2	\$0.25	\$1.25	\$9.25
2 1/2	.30	1.60	11.50
3	.40	2.00	13.75
3 1/2	.45	2.25	16.50
4	.50	2.50	18.55
4 1/2	.55	2.75	22.50
5	.65	3.00	25.00
5 1/2	.75	3.50	27.50
6	.85	3.75	30.00
7	1.00	4.00	32.50

### No. 8 WIRE, HEAVY

Feet	Doz.	100	1000
2	\$0.35	\$1.60	\$13.50
2 1/2	.40	2.00	16.00
3	.50	2.25	18.50
3 1/2	.55	3.00	25.00
4	.60	3.25	27.50
4 1/2	.65	3.50	32.50
5	.70	3.75	35.00
5 1/2	.85	4.25	37.50
6	.95	4.75	40.00
7	1.10	5.25	45.00

## TAPERING PLANT STAKES

### PAINTED GREEN

Feet	Each	Doz.	100
1 1/2	.....	\$0.04	\$0.35 \$2.10
2	.....	.06	.55 3.15
2 1/2	.....	.07	.75 5.50
3	.....	.10	1.00 7.00
3 1/2	.....	.11	1.10 8.50
4	.....	.13	1.40 11.00
5	.....	.16	1.85 13.50

If wanted by Parcel Post add 20% to doz. price 10% to 100 price for postage.

## ROSE OR DAHLIA STAKES

Round tapering style; painted green.

If wanted by Parcel Post, add 20% to doz. price for postage.

Feet	Each	Doz.	100
3	.....	\$0.13	\$1.44 \$11.00
3 1/2	.....	.15	1.66 13.00
4	.....	.17	1.92 15.00
5	.....	.22	2.50 19.00
6	.....	.27	3.10 23.00

## SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

Feet	Each	Doz.	100
1 1/2	.....	\$0.04	\$0.35 \$2.10
2	.....	.05	.55 3.15
2 1/2	.....	.07	.65 4.50
3	.....	.11	1.08 7.50
3 1/2	.....	.12	1.15 8.50
4	.....	.15	1.40 9.75
5	.....	.20	2.00 14.00
6	.....	.25	2.50 16.50

If wanted by Parcel Post add 20% to doz. price 10% to 100 price for postage.

## JAPANESE GREEN CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	500	1000
1 1/2	.....	\$0.15	\$0.75	\$3.25 \$6.00
2	.....	.20	1.25	5.50 9.00
2 1/2	.....	.25	1.40	6.75 11.00
3	.....	.35	1.60	7.00 12.50
3 1/2	.....	.35	2.00	8.00 14.00
4	.....	.40	2.25	9.00 15.00
5	.....	.50	2.50	10.00 16.00

## JAPANESE NATURAL CANE STAKES

Feet	Doz.	100	500	1000
6	.....	\$0.40	\$2.25	\$8.00 \$15.00

## WIRE STAKE TIE

(Buschardt's)

For fastening plants to stakes, either wire or wood; can be used many times.

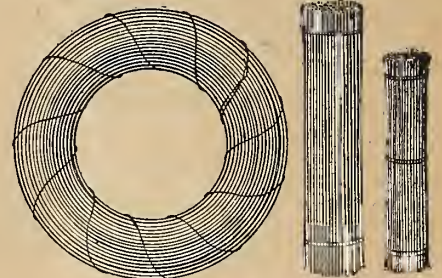
1000 ties in pkg. Price, \$2.50 (by mail, \$2.60).

## STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.

Everlasting Style, heavy	.....	500	1000
Eureka Style, light	.....	\$2.25	\$4.00
		1.60	3.00



## WIRE

Allow for postage if wanted by mail. 12-lb. Lb. Stone

No. 16. Galvanized	.....	\$0.20	\$2.00
No. 18. Galvanized	.....	.22	2.25
No. 19. Galvanized	.....	.24	2.40
No. 20. Galvanized	.....	.26	2.50
No. 22. Galvanized	.....	.28	2.60
No. 16. Annealed	.....	.18	1.50
No. 18. Annealed	.....	.20	1.75
No. 20. Annealed	.....	.24	1.85
No. 22. Annealed	.....	.26	2.00
No. 24. Annealed	.....	.28	2.10

## TINNED WIRE

Used for bunching celery, etc.

No. 19, in 10-lb. boxes, cut 8 1/2 inches, 30c. per lb.; per box, \$2.50.

## CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.  
No. 20, 25c. per lb.; per box, 12 lbs. \$2.25  
No. 22, 30c. per lb.; per box, 12 lbs. 2.50  
No. 24, 35c. per lb.; per box, 12 lbs. 3.00

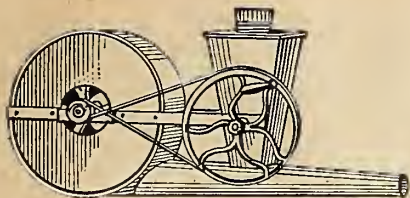
## BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
16 feet long	.....	\$0.50	\$5.50 \$40.00
18 feet long	.....	.60	6.50 50.00
20 feet long	.....	.75	7.50 60.00

## Poles for Tree Pruners

12 feet long, 1 1/4 inch diam.	.....	\$2.75
14 feet long, 1 1/2 inch diam.	.....	3.00



## SULPHUR BLOWER

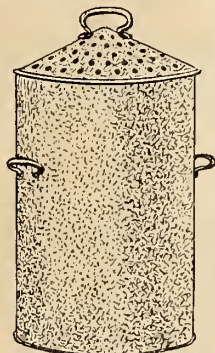
For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to it. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$8.00.

## VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 80c. each (by mail, 90c.).



Vaporizing Lamp



Perfection Fumigator

## FUMIGATORS Perfection Make

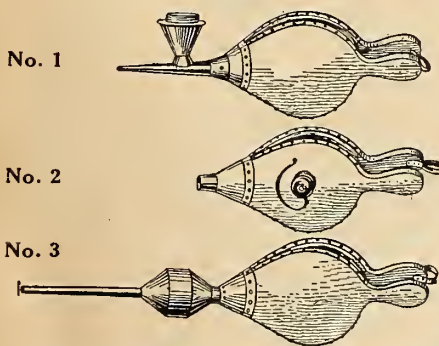
Fitted with a water tank to prevent burning out.

- No. 1 for house 12 x 40 ft. .... \$7.00
- No. 2 for house 14 x 100 ft. .... 8.50
- No. 3 for house 20 x 100 ft. .... 11.50
- No. 5 for house 20 x 150 ft. .... 17.50

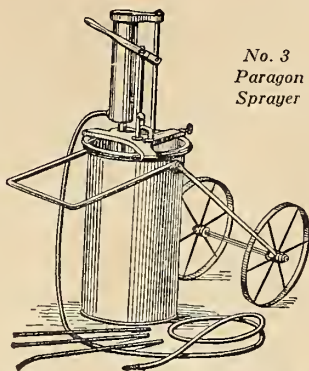
## Eureka Make

- No. 1 for house 10 x 20 ft. .... \$5.25
- No. 2 for house 12 x 40 ft. .... 6.25
- No. 3 for house 15 x 100 ft. .... 7.00
- No. 4 for house 20 x 100 ft. .... 8.00

## WOODASON HAND BELLOWS



- |                                | Price  | By mail |
|--------------------------------|--------|---------|
| No. 3. Large double cone. .... | \$6.75 | \$7.00  |
| Large single cone. ....        | 4.75   | 5.00    |
| No. 1. Small single cone. .... | 3.25   | 3.40    |
| No. 2. Sulphur bellows. ....   | 4.00   | 4.15    |



No. 3  
Paragon  
Sprayer

## THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

- No. 0. Capacity, 3 gallons; equipped with 4 ft. of hose, one 3-ft. extension pipe and 2 spray nozzles. Price, \$12.50.
  - No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$17.50.
  - No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$25.00. Without truck, \$21.50. We can also supply this sprayer with single wheel at same price.
  - No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. 25-gal. barrel, complete, \$39.50.
  - No. 5. Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, one 10-ft. iron extension pipe, one 3-way nozzle and 1 single spray nozzle, no truck, \$45.00.
- Bucket Washers for Paragon Sprayers, 30c.**  
We can also supply parts for Paragon Sprayers; price list on application.

## AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity four gallons; pressure capacity, 40 lbs. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.



- No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$10.00.
  - No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$7.00.
- Auto-Pop Nozzle Attachment;** controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$2.00 each (by mail, \$2.10). \$2.50 complete with hose (by mail, \$2.60).

## GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. 2 in. diameter cylinder. Bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$12.00.

**Outfit C.**—With agitator, one 15 ft. lead of ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$18.00.

**Outfit D.**—With agitator, two 15 ft. leads of ½ in. spray hose and two Mistry Jr. nozzles (no barrel), \$24.50.

**Barrels for holding spray solution, 50 gal. capacity, \$6.00 each.**

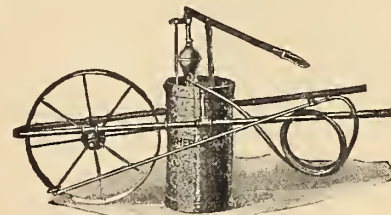
## GOULD'S POMONA BARREL PUMP. Fig. 1100

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½ in. diam. cylinder only, \$22.00.

**Outfit C.**—With one 15 ft. section ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$27.50.

**Outfit D.**—With two 15 ft. sections ½ in. spray hose and two Mistry Jr. nozzles, \$33.50.

**Barrels for holding spray solution, 50 gal. capacity, \$6.00 each.**

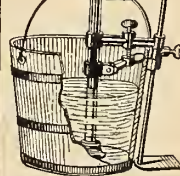


## DEMING WHEELBARROW SPRAYER

A machine that is nicely balanced and easily transported. Extreme width 18 inches; narrow enough to go through the aisles of a greenhouse, 24 in. wheel with a 3 inch tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. hose, 4 ft. extension pole, nozzle and shut off valve. Price, \$30.00.

## BUCKET SPRAY PUMP

These are made entirely of brass, except the foot rest and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ½-in. hose.



No. 256. **Success** (without bucket fastener), \$7.75 (by mail, \$8.00),

No. 689. **Perfect Success** (with bucket fastener), \$8.25 (by mail, \$8.50).



**VERMOREL KNAPSACK SPRAYER**

A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, \$22.50.



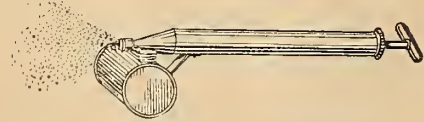
**JIM DANDY HAND SPRAYER**

Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Price, \$3.50 (by mail, \$3.75).



**AUTOMATIC COMPRESSED AIR SPRAYER**

This is the best hand sprayer ever offered, very easily operated, especially preferred by the ladies.  
Tin. Each, \$1.00 (by mail, \$1.10).  
Brass. Each, \$2.00 (by mail, \$2.10).



**CYCLONE HAND SPRAYER**

Similar to the above, except they do not have the automatic air reservoir attachment.  
No. 112, Tin, large, 50c. (by mail, 60c.).  
No. 114, Brass, \$1.00 (by mail, \$1.10).

**DEMING KNAPSACK SPRAYERS**

These are elegant for carrying around the garden, among shrubbery and tree work, etc. Fig. 675. Copper tank, holding about 5 gals., complete with pump, nozzle and hose, \$21.50.  
Fig. 654. Galvanized tank, holding about 5 gals., complete with pump, nozzle and hose, \$16.50.  
Deming Knapsack Sprayers are not mailable.



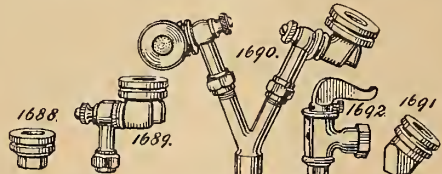
**HEAVY BRASS SYRINGES**

No.	Diam.	Length	Price	By mail
99.	1 1/2 in.	18 in.	1 spray...\$3.75	\$4.00
101.	1 1/4 in.	14 in.	2 sprays.. 4.25	4.50
101A.	1 1/2 in.	16 in.	2 sprays.. 5.00	5.25
110.	1 3/4 in.	20 in.	2 sprays.. 10.50	10.75
120.	1 3/4 in.	20 in.	Adjustable. 12.50	12.75



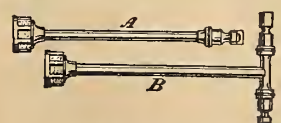
**EXTENSION PIPES, ETC.**

For reaching into trees; 3/8 inch threads.  
Bamboo, aluminum tube; 10 feet. . . . \$4.50  
Bamboo, aluminum tube, 12 feet. . . . 4.75  
Galv. Iron, 2 ft. (by mail, 55c.) . . . . .50  
Brass, 2 ft. (by mail, 75c.) . . . . .65  
Pet Cock, for Extension pipes . . . . . 1.25  
Paragon Extensions, 2 1/2 ft., 60c. each (by mail, 70c.).



**SPRAY NOZZLES (3/8-in. Thread)**

If nozzles are wanted by parcel post, add 10c. each for postage.  
Mistry, Jr., Fig. 1688, Straight style . . \$1.20  
Mistry, Jr., Fig. 1691, Elbow style . . . 1.20  
Mistry, Fig. 1689, Single nozzle, adjustable angle . . . . . 1.65  
Mistry, Fig. 1690, Double nozzle, adjustable angle . . . . . 3.75  
Bordeaux Nozzle, Fig. 1692, each . . . 1.15  
If nozzles are wanted for 3/4-in. hose connections, add 70c. to above prices for Fig. 966 combination.



**STOTT'S SPRAY NOZZLES**

Splendid for spraying underneath foliage.  
Single . . . . . \$1.65  
Double . . . . . 2.75

**LIQUID MANURE DISTRIBUTOR**

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. \$2.75 each (by mail, \$2.90).



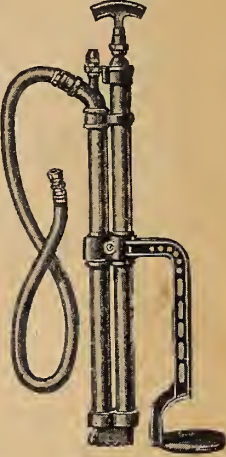
Misto Sprayer

**MISTO BOTTLE SPRAYER**

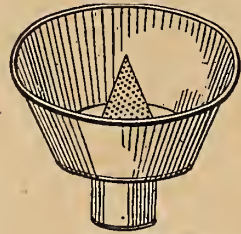
An ideal sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip; nothing to get out of order; made of metal, nicely nicked; can be used in connection with most any ordinary bottle. Price, without bottle, \$1.25 (by mail, \$1.35).

**No. 327 1/2 MYER'S BUCKET PUMP**

This is a double brass chamber arrangement and fills the want of those desiring a medium priced sprayer. Price, \$5.25, including hose and nozzle (by mail, \$5.65).



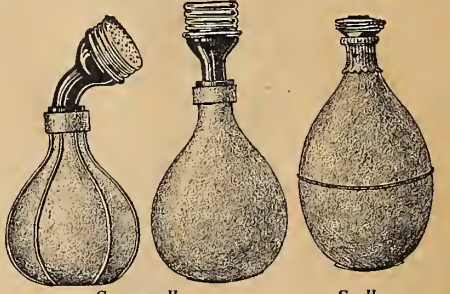
Myer's Pump



Copper Strainer

**COPPER STRAINER**

For straining whitewash, spraying material, etc., \$1.50 each (by mail, \$1.60).

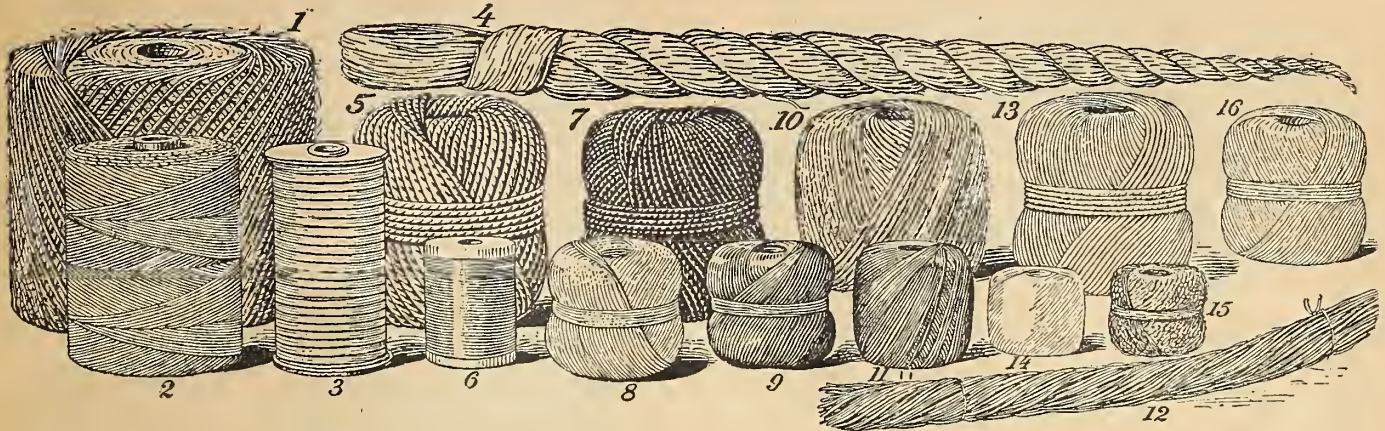


Spraywell

Scollay

**RUBBER SPRINKLERS**

Spraywell style in either straight or crookneck.  
No. 1. Spraywell Style. 6 oz. capacity. . \$0.85  
No. 2. Spraywell Style. 8 oz. capacity. . 1.00  
No. 3. Spraywell Style. 10 oz. capacity. . 1.15  
No. 1. Scollay. 10 oz. capacity. . . . . 1.40  
If wanted by parcel post, add 10c. each for postage.



Key to above illustrations. No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarrad Marlin; No. 8, Cayuga, Medium; No. 9, Smilax; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarrad Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

## TWINES, ETC.

	Ball	Lb.
No. 108. White Cayuga, Medium.....	\$0.40	\$0.75
No. 208. White Cayuga, Heavy.....	.40	.75
Jute, 2-ply and 3-ply.....	.18	.30
Linen Bouquet.....	.15	.85
Green Sea Island.....	.15	.85
No. 4½. Japanese Twine, Medium heavy.....	.35	
White Cotton, 3-ply.....	.15	.70
Peerless. Color, Nile green..		1.00
Tarrad. For mat making....	.35	
Tarrad Sisal. For fodder....	.17	
Binder.....	.22	
Express. Very heavy.....	.30	
Green Silkaline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse.		
Price, per spool, 40c.		
Price, per lb. (8 spools).....	\$2.75	
Smilax Twine (Silkaline Substitute). Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.25.		

## RAFFIA

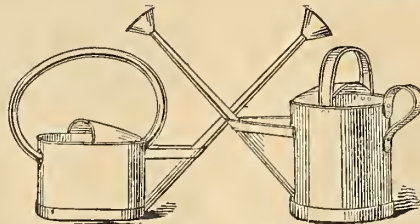
For tying, basket making and fancy work; very long and fibrous. Natural Color, 25c. per lb. (by mail, 35c.); 5 lbs., \$1.00. Green, \$1.10 per lb. (by mail, \$1.20); 5 lbs., \$5.00.

## RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about 1/8 inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Per bolt of 250 yards, 90c. (by mail, \$1.00).

## RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled, \$2.50 (by mail, \$2.65).



## WATER CANS (Wotherspoon's Extra Heavy—With Long Spout—Will Last for Years)

Each Wotherspoon can comes equipped with two roses, one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart.....	\$3.75	
6 quart.....	4.00	\$4.75
8 quart.....	4.50	5.00
10 quart.....	5.00	5.50
12 quart.....	5.25	6.00
16 quart.....	5.75	6.50
4 quart Fern or Low Watering Can.....	3.00	

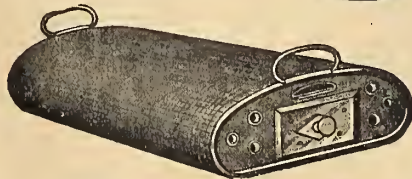
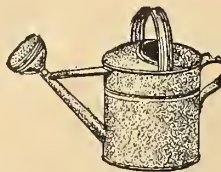
## EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 50c. each (by mail, 60c.).

## IRON CLAD WATER CANS

Made of light galvanized iron.

4 quart.....	\$1.00
6 quart.....	1.15
8 quart.....	1.30
10 quart.....	1.55
12 quart.....	1.65
16 quart.....	2.10



## AUTOMOBILE HEATERS

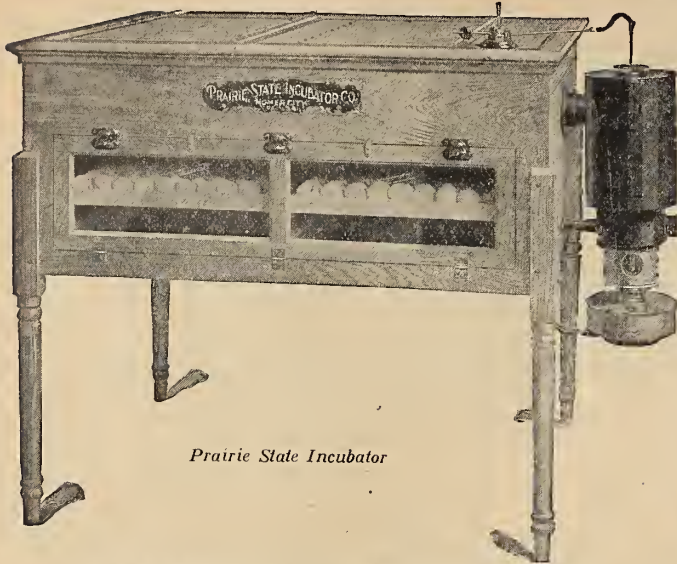
These will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

- No. OB. Single drawer, with Brussels carpet, 14 in. long. \$4.00 each.
- No. 7B. 20-in., single drawer, covered with Brussels carpet. \$5.50 each.
- No. 10. Three drawers. \$9.00 each.
- Coal for automobile heaters. \$1.25 per doz bricks; per 100, \$8.50.
- Tongs for handling hot coal, 60c. per pair.

## SUNDRIES

- Bulb Fibre. Qt., 15c.; 45c. per 1/2 pk.; pk., 75c.; \$1.25 per 1/2 bu.; bu., \$2.00.
- Bull Dog Clips. For fastening packages, etc., \$1.25 per box.
- Carnation Bands (Rubber). For mending bursted calyx. 30c. per oz.; 1/4 lb., \$1.00.
- Carnation Clips (Bours). For mending carnations. \$1.00 per 1000.
- Carnation Staples (Wire). 50c. per 1000.
- Celery Tape. Fast red, in 1000-yard spools, \$5.25.
- Charcoal (Lump). For use in potting. Pk., 65c.; \$1.50 per bu.; bbl. sack, \$2.50.
- Charcoal (Ground). Coarse, fine and powdered. Per lb., 8c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.
- Glass Cleaner. \$2.75 gal.; 5 gals., \$11.00.
- Grafting Wax. 1/4 lb., 15c.; 25c. per 1/2 lb.; lb., 45c. (by mail, 55c.).
- Moss (Green Lump). Pk., 60c.; \$1.75 per bu.; bbl. bag, \$3.25.
- Moss (Green Sheet). 1/2 pk., 40c.; 70c. per pk.; bu., \$2.00; \$3.50 per sack.
- Moss (Sphagnum, dry). Bbl. bags, \$1.50; \$4.50 per large bale.
- Moss (Sphagnum, live). Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.
- Peat or Leaf Mould. Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.
- Peat (Orchid). Pk., 75c.; \$1.75 per bu.; bbl. bag, \$3.25.
- Pebbles. Qt., 10c.; 75c. per pk.; bu., \$2.50; \$5.00 per bbl. sack.
- Pruning Compound. Per qt., 85c.; \$2.50 per gal.
- Sand. For propagating. Per qt., 10c.; 40c. per pk.; bu., \$1.40; \$3.00 per bbl.
- Shaderine. For shading greenhouse glass. 5 lbs., \$1.25; \$2.75 per 10 lb. can.
- Soil. For potting. Qt., 10c.; 25c. per 1/2 pk.; pk., 40c.; \$1.50 per bu.; bbl., \$3.25.
- Tin Foil (Plain). In 5- and 6-inch widths. 1-lb. pkgs., 25c.; 5 lbs. for \$1.20; 5-inch width in 5-lb. rolls, \$1.20. Green or violet in 1-lb. pkgs., 60c. per lb.
- Toothpicks. Wired. 50c. per 1000; 10,000, \$3.75.
- Toothpicks. 4-inch, wired, green; per 1000, \$1.00; \$3.75 per 4500.
- Toothpicks. 6-inch, wired, green; per 1000, \$1.20; \$3.30 per 3000.
- Tree Paint (Target Brand). Qt., 85c.; \$2.50 per gal.
- Weed Killer. Qt., 55c.; 90c. per 1/2 gal.; gal., \$1.75; \$6.75 per 5 gals.; 30 gals., \$33.00; \$50.00 for 50 gals.
- Zementine. For whitewashing and shading. 2 lbs., 40c.

# MICHELL'S RELIABLE POULTRY SUPPLIES



*Prairie State Incubator*

## PRAIRIE STATE INCUBATORS

The Prairie State Incubators have made good since the day of their introduction, which is many years ago; the improvements that have been added are the results of developments which experience has proven to be both practical and successful.

In the building, design and construction of the Prairie State Incubator, every known factor to the present time has been taken into consideration. All Prairie State Incubators are equipped with nurseries.

In shipping the heaters are crated separately, as their design and size make it more practical; also it does away with the possibility of the heater becoming injured in transit.

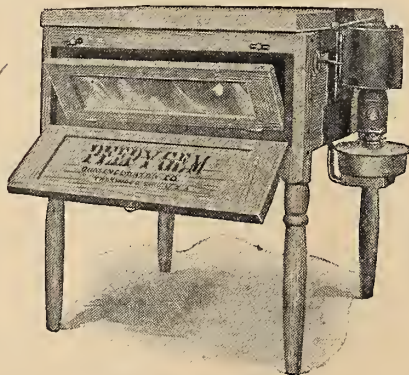
There are also many other improvements in the Prairie State Incubator that a study of the Prairie State Catalog and a close inspection of the machine itself, if possible, will best reveal.

The Prairie State has the diffusive air circulation system and sand tray moisture feature and is as faultless as it is possible to make incubators.

Oil consumption per hour with outside temperature at 60° and incubator temperature at 103° per 24 hours.

		Hen Egg Capacity	Duck Egg Capacity	Price
No. 0.	Diffusive style..	100	75	\$30.00
No. 1.	Diffusive style..	150	100	37.50
No. 2.	Diffusive style..	240	200	52.50
No. 3.	Diffusive style..	390	300	67.50

Complete Catalog of Prairie State Incubators and Brooders free on request.



*Peepy Gem Incubator*

## PEEPY GEM HOT WATER INCUBATOR

This is especially designed for the amateur or beginner. It is a wonderful value for the price charged. Very carefully made. Equipped with galvanized water heater and a sensitive thermostat. We can supply this in one size only, 50-egg capacity. Price, \$10.00.

## PRAIRIE STATE JR. COAL STOVE BROODER No. 1

The Junior is the result of an effort to put a moderately priced equipment in the hands of poultrymen who want a good Stove Brooder. It is compact in design, occupies small floor space and is adaptable to every possible brooding condition.



It is fitted not only for permanent installation, but is also portable, so that being installed in one house, after the brooding stage is passed it may be picked up and carried all intact to another house to begin with another flock. It is durable, substantial and low in cost of operation. The stove is solid cast iron, resting directly on its base without legs, there being no hot place under the stove possible for the chicks to reach. Designed for hard coal, but will burn soft coal also. The

canopy is of galvanized sheet steel, hinged in centre, giving ready access to stove when coaling. Regulator is powerful, sensitive, triple control, of wafer type, regulating temperature to a fraction of a degree, with all working parts under canopy and so protected. The device handles flocks of 250 to 1000 or more safely and is adaptable to permanent or portable brood houses. This brooder can be operated at a cost of from 7 to 14 cents per day for coal. Price, complete with equipment, \$25.00.

## PRAIRIE STATE JR. No. 0 COAL STOVE BROODER

The construction of this is similar to the Junior Coal Stove Brooder No. 1, excepting that it has a new design double control regulator instead of the triple control type. Capacity, 200 to 700 chicks. Price, \$20.00.

## PRAIRIE STATE JR. PORTABLE HOVER

Combines all the essentials of the larger brooders in a style and size suited to the small producer or the fancier who wishes to raise small lots separately. While its size and capacity are equal to any other lamp brooder, yet it is light in weight and may be instantly moved from place to place. Heat is furnished by the Standard Prairie State Lamp set in the center of the hover, the warm, fresh air being diffused by the radiator under the galvanized steel hover top, down upon the chicks. Heat is controlled by the accurate regulator, and ventilation is assured by a perfect stem of air flues. Curtain is of cotton duck; top of hover is insulated with mineral wool. Provides ample nursery space for 50 chicks. Price, \$10.00.



## LITTLE PUTNAM STOVE

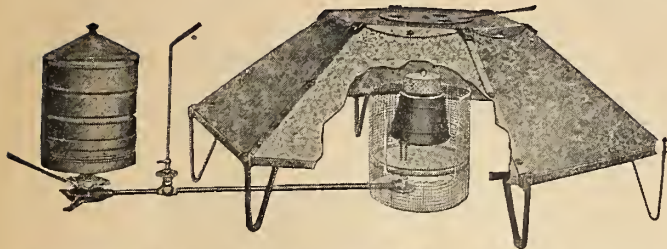
This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather. The



stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the wick never needs trim-

ming. Price, \$2.50 (by P. P., \$2.65).





## NEW SOL-HOT BROODER, 1924 MODEL

An oil-burning heater that is so dependable that it practically runs itself, so simple and safe in operation that an 8-year old child can take care of it.

The 1924 Model has a Fire Proof Metal Oil Container, thus eliminating fire hazard and reducing operating labor; the metal container has double the oil capacity of the glass bottle and requires but one operation in filling.

It is Wickless, Odorless, Smokeless, and does not even require the use of an asbestos wick or lighter. The new patented All-Metal Vaporizer takes the place of the asbestos wick found on old style burners, which has been a source of much trouble and annoyance.

This All-Metal Vaporizer produces an intense blue flame, without carbon, and never needs trimming or attention.

The Just-Rite Valve Control on this burner makes it possible to regulate the flame as high or low as you like. You can light it and go away and forget it, with the positive assurance that it will keep going steadily as long as the oil supply lasts.

The illustration shows the new octagon shaped canopy which can be lifted easily and tilted back where it stands on the two back legs so as to clean under it or get at the burner.

You can raise bigger, better, healthier chicks under this oil-burning canopy brooder, cheaper and easier than any other way.

No cold corners, no crowding and a uniform heat at all times.  
 Standard, 34 inch Hover, broods 250 chicks.....\$15.75  
 Standard, 44 inch Hover, broods 500 chicks..... 18.00  
 Standard, 54 inch Hover, broods 1000 chicks..... 20.00

Complete descriptive circular on Sol-Hot Brooders free on request.

## THE HOME ELECTRIC HOVER



An ideal hover for baby chicks. The New Home Electric Hover comes complete; all the operator has to do is to bolt on the three legs, insert necessary lamps, attach the extension cords to the nearest socket, switch on the current and the hover is ready for the chicks. Absolutely fireproof. Made entirely of galvanized iron, with ex-

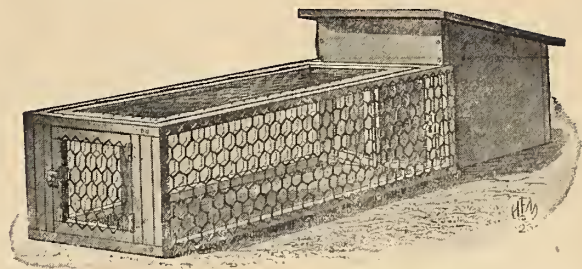
ception of double curtain suspended from the rim. Comes complete with three legs, necessary lamps and seven foot extension cord. Temperature easily regulated with aid of thermometer.

	Diam.	Chick Capacity	Price
No. 1.....	18 in.	50	\$10.00
No. 2.....	25 in.	125	18.00
No. 3.....	35 in.	250	25.00



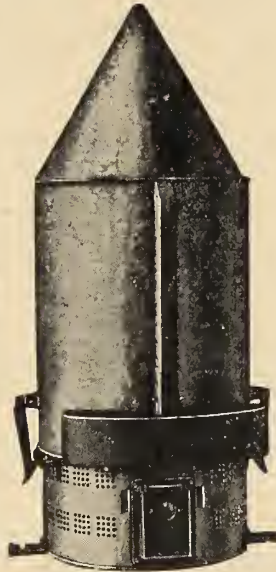
## SALT BRICKS

For dairy cows, horses and other animals. Essential to general good health in stables; fastened on the wall it is accessible at all times and remains clean. Per brick, 25c. (by mail, 40c.); \$2.75 per dozen. Salt Brick Holders, 50c. each (by mail, 60c.); doz., \$5.00.



## FARM BROOD COOP

A big, roomy coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches in back. The roof is hinged. There is also a wire run 38 x 21 x 16 inches; the top of this is hinged also. Price, complete, \$6.25.



Norwich Automatic Air-Lock Fount

## NORWICH AUTOMATIC AIR-LOCK FOUNTAIN

The most perfect device ever placed on the market for automatically supplying pure, fresh water in the poultry house. It is absolutely impossible to contaminate or pollute the water supply, and requires cleaning only about once in three months. Guaranteed frostproof to 10 degrees below zero, and has been operated at temperatures of fifteen and twenty below without being affected. Fitted with detachable cap, which is also used as a funnel for filling; removable oil chamber, heat generator, etc.

Made in one size only, 5 gallons capacity. Shipping weight, 15 lbs.

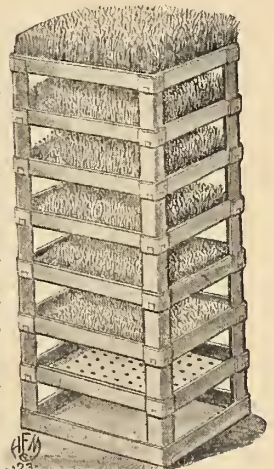
Complete, with burner base \$6.00  
 Without burner base..... 3.50  
 Burner base only..... 3.50

## COLLINS OAT SPROUTER

The most practical, quickest growing, perpetual, sectional and fireless Oat Sprouter. The Collins Sprouter is made in units, light individual pans, one pan for each day of the week and a drip pan at the bottom.

The production of eggs and the proper development of growing stock depend upon some form of "green stuff," something that is growing, that has life in it. The feeding of sprouted oats is no longer an experiment. Experience has proven time and again its value as a food for stimulating egg production. Oats sprouted in the right manner furnish food most nearly akin to the fresh green growth of spring time, the prolific laying time of the year.

No. 1—5 Pan.....\$4.00  
 No. 2—8 Pan..... 5.00  
 No. 3—8 Pan (Large)..... 8.00



**SPECIAL NOTE**  
 We publish a complete Catalogue on Poultry Supplies which is free on application.

- Ant Exterminator.** Per  $\frac{1}{4}$  lb., 30c.; 50c. per  $\frac{1}{2}$  lb.; lb., 80c.; \$3.25 per 5 lbs.
- Aphine.** For destroying aphids, green fly, thrip, red spider, etc.  $\frac{1}{4}$  pt., 30c.; 45c. per  $\frac{1}{2}$  pt.; pt., 70c.; \$1.15 per qt.; gal., \$3.25.
- Aphis Punk.** A paper that has been thoroughly saturated with nicotine. For use in greenhouses only. Per pkg. of 12 sheets, \$1.00; \$9.50 per case of 12 pkgs.
- Arsenate of Lead (Paste).** Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$2.75; \$5.75 per 25 lbs.; 50 lbs., \$10.00; \$18.50 per 100 lbs.
- Arsenate of Lead (Powdered).** Per lb., 50c.; \$2.25 per 5 lbs.; 10 lbs., \$4.00; \$9.00 per 25 lbs.; 50 lbs., \$15.00; \$27.50 per 100 lbs.
- Beetol Spra.** For destroying the Japanese Beetle, Rose Bugs and other insects. Per pt., \$1.00; \$1.75 per qt.;  $\frac{1}{2}$  gal., \$3.00; \$5.00 per gal.; \$20.00 per 5 gals.; 10 gals., \$35.00.
- Black Leaf 40.** Per 1 oz. bottle, 35c.; \$1.25 per  $\frac{1}{2}$  lb.; 2 lbs., \$3.50; \$13.50 per 10 lbs.
- Bordeaux Arsenate (Paste).** A fungicide and insecticide, for fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.
- Bordo Lead (Powdered).** Per lb., 50c.; \$2.25 per 5 lbs.; \$4.25 per 10 lbs.; 25 lbs., \$9.25; \$16.50 per 50 lbs.; 100 lbs., \$30.00.
- Bordeaux Mixture (Paste).** Used principally for mildew, blight and fungus diseases. 50 lb. kegs, \$9.00.
- Bordeaux Mixture (Dry Form).** Per lb., 35c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.
- Bug Death.** Largely used instead of Paris Green. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 75c.; \$1.50 per 12  $\frac{1}{2}$  lbs.; 100 lbs., \$8.75.
- Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., \$1.50; \$7.00 per 5 gals.
- Clensel (Paterson's Concentrated).** A preparation for greenhouse and outdoor spraying for aphids, thrip, etc. Per pt., \$1.10; \$3.00 per  $\frac{1}{2}$  gal.; gal., \$5.00.
- Copper Solution.** Per qt., \$1.50; \$4.00 per gal.
- Cyanegg.** For generating Hydrocyanic Acid Gas. Per lb., 85c.
- Dalmatian or Persian Powder.** Per  $\frac{1}{4}$  lb., 40c.; 65c. per  $\frac{1}{2}$  lb.; lb., \$1.25; \$5.75 per 5 lbs.
- Dy-Sect.** An effective insecticide for destroying aphids, green fly, red spider, rose bugs, etc. Per 4 oz. bottle, 30c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per  $\frac{1}{2}$  gal.; gal., \$6.00.
- Fish Oil Soap.** An excellent summer spray, when something stronger cannot be used, where San Jose Scale exists. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$3.75; \$6.00 per 50 lbs.; \$10.00 per 100 lbs.
- Fish Oil Soap (Good's Caustic).** Lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$1.85; \$3.75 per 25 lbs.; 50 lbs., \$6.00; \$10.50 per 100 lbs.
- Fish Oil Soap (Rosin).** Per 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$4.50; \$7.50 per 50 lbs.; 100 lbs., \$12.50.
- Getz There Soap.** For washing palms, etc. 2 lbs., 65c.; \$1.75 for 8 lbs.; 25 lbs., \$5.00.
- Grape Dust.** A powder preparation used for mildew, aphids, black fly and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., \$1.00; \$1.85 per 10 lbs.
- Hellebore.** For destroying rose bugs, currant worms, etc.  $\frac{1}{4}$  lb., 20c.; 35c. per  $\frac{1}{2}$  lb.; lb., 60c.; \$2.75 per 5 lbs.
- I X L Compound.** An English preparation for spraying. Kills mealy bug, red spider and all insect pests. Per gal., \$7.50.
- Kerosene Emulsion (Liquid) (Miscible Oil).** Dilutes 1 part to 20 parts of water. Per pt., 50c.; 85c. per qt.; gal., \$2.25.
- Lemon Oil Insecticide.** Effectually destroys mealy bug, scale, thrip and red spider. Per  $\frac{1}{2}$  pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per  $\frac{1}{2}$  gal.; gal., \$3.00; \$12.00 per 5-gal. keg.
- Lime Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Per qt., 55c.; \$1.25 per gal.; 5 gals., \$4.25; \$11.50 per  $\frac{1}{2}$  bbl. (30 gals.); per bbl. (50 gals.), \$15.00.
- Lime Sulphur (Dry Powder Form).** Lb., 35c.; \$1.40 per 5 lbs.; 10 lbs., \$2.25; \$4.75 per 25 lbs.; 50 lbs., \$7.75; \$15.00 per 100 lbs.
- Lotol.** A complete concentrated contact remedy for Aphids and many other insect pests. Per 1 oz. tube, 35c.; 75c. per 3 oz. tube;  $\frac{1}{2}$  lb. can, \$1.25; \$2.25 per 1 lb. can.
- Mag-O-Tite.** Protects crops against the ravages of the root maggot and other garden pests. Per 2 lb., 40c.; 65c. per 4 lbs.; 8 lbs., \$1.10; \$3.00 per 25 lbs.
- Melrosine.** An efficient Rose Bug remedy. Per 6 ozs., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per  $\frac{1}{2}$  gal.; per gal., \$6.00.
- Mo Lo.** For destroying and driving away moles. Per pkg., 25c.
- Nico-Fume (Liquid).** For use as a spray or vapor. Per  $\frac{1}{4}$  lb., 85c.; \$2.50 per lb.; 4 lbs., \$8.50; \$16.00 per 8 lbs.
- Nico-Fume Paper.** A paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Per box of 24 sheets \$1.50; \$5.75 for 144 sheets; 288 sheets, \$10.50.
- Nico-Fume Tobacco Powder (Fumigator).** For fumigating greenhouses. Per lb. can, \$1.35; \$5.00 for 5 lbs.; 10 lbs., \$9.00.
- Nicotine (Hall's) (40%).** Per  $\frac{1}{2}$  lb., \$1.50; \$4.75 per 2 lbs.; 8 lbs., \$16.00.
- Nicotine Fumigator (Hall's) (12 $\frac{1}{2}$ %).** Per 1 lb. size, \$1.35; \$2.75 per 2  $\frac{1}{2}$  lb. size; 10 lb. size, \$9.00.
- Nikoteen (30% solution).** Per oz., 25c.; 45c. per 1  $\frac{3}{4}$  oz.;  $\frac{1}{2}$  lb., \$1.35; \$2.25 per lb.; 4 lbs., \$7.50; \$13.50 per 8 lbs.
- Paris Green.** Per  $\frac{1}{4}$  lb., 18c.; 35c. per  $\frac{1}{2}$  lb.; lb., 60c.; \$2.75 per 5 lbs.; \$6.50 per 14 lbs.
- Para-Dichlorobenzene.** For peach tree borers. Per 1 lb. can, 65c.; \$2.75 per 5 lb. can; 10 lb. can, \$5.00; \$11.50 per 25 lb. keg; 50 lb. keg, \$21.00; \$38.00 per 100 lb. keg.
- Pyrox (Bowker's).** A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles. Per lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.50; \$7.00 per 25 lbs.; 50 lbs., \$12.50; \$21.00 per 100 lbs.; 300 lbs., \$58.50.
- Rat Corn.** For destroying rats and mice in green houses, hotbeds, etc. 25c., 50c. and \$1.00 per box.
- Readeana Rose Bug Exterminator.** Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Per 4 oz. can, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.
- Scalecide.** Used for the destruction of the San Jose Scale. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.50 per gal.; 5 gals., \$6.45; \$11.00 per 10 gals.; 30 gals., \$27.00; \$39.50 per 50 gals.
- Shoo Fly.** For keeping flies off cattle and horses. Per qt., 50c.; \$1.50 per gal.
- Slug Shot.** Per 1-lb. canister, 18c.; 60c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$11.00; full barrel lots (about 250 lbs.), 10c. per lb.
- Soap Spray (Imp.).** Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$22.50.
- Sulco-V. B.** Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 35c.; 60c. per qt.;  $\frac{1}{2}$  gal., \$1.10; \$2.00 per gal.; 5 gals., \$7.00.
- Sulphur Candles.** Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.65.
- Sulphate of Copper.** Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$10.00.
- Sulphur.** Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$2.00 per 25 lbs.; 100 lbs., \$7.50.
- Sunoco Spray Oil.** For the control of scale insects, red spider, aphids, thrip, etc. Per  $\frac{1}{2}$  gal., \$1.00; \$1.50 per gal.; 5 gals., \$5.75; \$12.00 per 15 gals.; 30 gals., \$20.00; \$26.00 per 50 gals.
- Tanglefoot Fly Spray.** A liquid insecticide for exterminating flies, mosquitoes, etc. Per  $\frac{1}{2}$  pt., 40c.; 65c. per pt.; qt., \$1.25; \$3.50 per gal.
- Thrip Juice (Hammond's No. 2).** Per pt., 85c.; \$1.40 per qt.; gal., \$4.25.
- Tobacco Dust (for dusting only).** Per 1 lb. can, with sifter top, 25c.; 40c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.
- Tobacco Dust (special dusting or fumigating).** A specially prepared article. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$6.00 per 100 lbs.
- Tobacco Soap (Sulpho).** Per 3 oz., 15c.; 25c. per 6 oz.
- Tobacco Stems (Fresh).** Per lb., 15c.; 60c. per 5 lbs.; bushel, \$1.00; \$1.75 per bbl. sack; large bales at 2  $\frac{1}{2}$ c. per lb.;  $\frac{1}{2}$  ton, \$17.00; \$32.00 per ton.
- Tobacco Stems (Shredded).** Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.; 1000 lbs., \$25.50; \$50.00 per ton.
- Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Per lb., 50c.; \$2.40 per 5 lbs.; 10 lbs., \$4.50; \$8.75 per 20 lbs.; 25 lbs., \$9.25.
- Wilson's O. K. Plant Spray.** An efficient insecticide for inside and outside spraying. Per  $\frac{1}{2}$  pt., 40c.; \$1.00 per qt.; gal., \$3.00.
- Worm Killer (for Earth Worms).** A powder which is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be destroyed. It acts as a fertilizer as well as worm destroyer. Per 100 lb. bag, \$6.00; \$27.50 per 500 lbs.; 1000 lbs., \$47.50; \$90.00 per 2000 lbs.
- Zenoleum.** A germicide and disinfectant. Per  $\frac{1}{2}$  pt., 35c.; 75c. per qt.;  $\frac{1}{2}$  gal., \$1.25; \$2.00 per gal.; 5 gal. can, \$9.50.

Lamps for Vaporizing Nicotine Solutions. 85c. each.

# MICHELL'S HIGH GRADE FERTILIZERS

67

All prices on Fertilizers subject to market changes.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 8c. for 1 lb.; 10c. for 2 lbs.; 15c. for 3 lbs.; 20c. for 5 lbs.; 40c. for 10 lbs.

- Acid or Rock Phosphate (16%).** Apply 1000 lbs. per acre. \$3.25 per 200 lbs.; ½ ton, \$13.50; \$23.00 per ton.
- Anti-Clover Fertilizer (Michell's).** Prevents the growth of White Clover on Golf Courses. 200 lb. bags only. \$8.00 per 200 lbs.; 1000 lbs., \$37.00; \$72.00 per ton.
- Ashes, Hard Wood.** Apply 1000 lbs. per acre. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200-lb. bbl.; 1000 lbs., \$18.00; per ton, \$35.00.
- Asparagus Fertilizer.** Apply 800 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$22.50; ton, \$40.00.
- Bacteria, Farmogerm.** For all legumes. When ordering, please state for what crop you desire to use it. Price, trial size (for Beans, Peas and Sweet Peas), 50c.; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00.
- Bacteria, Mulford Culture.** For inoculating clovers and other legumes. 35c. per trial bottle; ¼ acre size, 75c.; \$1.50 per acre size; 5 acre size, \$5.00.
- Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.75; \$12.00 per 200 lbs.
- Blood Flour.** Similar to dried blood, excepting it is finer. 5 lbs., 65c.; \$1.10 per 10 lbs.; 25 lbs., \$2.25; \$4.00 per 50 lbs.; 100 lbs., \$7.25; \$14.00 per 200 lbs.
- Bon Arbor.** A concentrated chemical fertilizer used in liquid or powder form. Per lb., 65c.; \$3.00 per 5 lbs.
- Bone (Coarse Ground).** Apply 800 to 1000 lbs. per acre. 200 lbs., \$8.50; \$37.50 per 1000 lbs.; per ton, \$70.00.
- Bone Flour.** Finely pulverized and bolted. For rose growing this cannot be excelled. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$8.50 per 200 lbs.; 1000 lbs., \$37.50; \$70.00 per ton.
- Bone Meal (Michell's Special Grade).** We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.40 for 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.; 200 lbs., \$7.50; \$32.50 per ½ ton; ton, \$60.00.
- Carnation Food (Springfield).** Invigorates the root action of the plants and produces a natural growth. Per 100 lbs., \$6.50.
- Chrysanthemum Manure (Thompson's Special).** Used and recommended by the leading private gardeners of England and America. Per 28-lb. sack, \$4.00; \$7.00 per 56-lb. sack.
- Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. 28 lbs., \$3.75; \$6.25 per 56 lbs.; 112 lbs., \$12.00.
- Cotton Seed Meal.** Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.25; \$7.75 per 200 lbs.; 1000 lbs., \$36.00; \$70.00 per ton.
- Cow or Cattle Manure (Shredded).** Apply 1000 lbs. per acre. \$3.50 per 100 lbs.; 500 lbs., \$16.25; 1000 lbs., \$30.00; ton, \$55.00.
- Cow or Cattle Manure (Pulverized).** \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; ton, \$55.00.
- Grass and Grain Fertilizer (Michell's).** Splendid for top dressing. Apply 800 to 1000 lbs. per acre. 200 lbs. for \$5.50; \$25.00 per 1000 lbs.; per ton, \$45.00.
- Grass Grower (Michell's Odorless).** Highly desirable for Fairways and Putting Greens. In friction top cans, 10 lbs. net, \$1.00; \$7.50 per 200 lb. bag; 1000 lbs., \$37.00; \$70.00 per ton.
- Hog Manure (Pulverized).** Put up and sold in 100-lb. bags only; splendid for forcing vegetables and flowering plants, increasing size and yield. Per 100 lbs., \$3.75; \$16.50 for 500 lbs.
- Horn Shavings.** Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 65c.; \$1.10 for 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs., 100 lbs., \$7.00.
- Humus (Alphano Prepared).** An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. Price, f. o. b., Philadelphia, 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs. for 80c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$10.00 per 500 lbs.; per 1000 lbs., \$15.00; \$25.00 per 2000 lbs. Special prices quoted f. o. b. Alphano, N. J.
- Humus (Natural).** Excellent for top dressing lawns and golf course construction. Price in car lots only, \$6.00 per ton; f. o. b. Alphano, N. J.
- Kainit (Potash Salts).** Apply 800 to 1000 lbs. per acre. Excellent for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$1.50 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per 1000 lbs.; ton, \$22.00.
- Land Plaster.** Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 85c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$3.75 for 200 lbs.; ½ ton, \$16.00; \$30.00 per ton.
- Lawn Sand.** A weed destroyer as well as a fertilizer. 3½ lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.50; \$4.00 per 28 lbs.; 56 lbs., \$6.50; \$12.50 per 112 lbs.
- Lime (Hydrated or Powdered).** Apply one ton per acre. 45c. per 10 lb. box; 125 lb. sack, \$2.25; \$8.00 per 500 lbs.; 1000 lbs., \$14.00; \$27.00 per ton.
- Limestone (Pulverized).** Apply one ton per acre. Per 100 lbs., \$1.50; \$6.00 per 500 lbs.; 1000 lbs., \$10.00; \$17.50 per ton.
- Manure (Fresh Horse, Stockyard and Cow).** At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.
- Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis, equal to 50 per cent. actual potash. 5 lbs., 45c.; 75c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 for 50 lbs.; 100 lbs., \$4.75; \$8.00 for 200 lbs.; 1000 lbs., \$37.00; \$70.00 per ton.
- Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 45c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$4.75; \$9.50 per 200 lbs.; 1000 lbs., \$45.00; \$80.00 per ton.
- Phosphate (Michell's High-Grade).** For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.25; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; ½ ton, \$25.00; \$45.00 per ton.
- Phosphate for Corn (Michell's).** Apply 800 lbs. per acre. \$5.00 for 200 lbs.; per ½ ton, \$21.00; \$38.00 per ton.
- Plant Food (Michell's).** A highly concentrated chemical fertilizer for house, garden or conservatory. Analysis: Nitrogen, 2½%; available phosphoric acid, 7%; potash, 2%. Per 5 oz. pkg., 20c. (by mail, 25c.); 30c. per 12 oz. pkg. (by mail, 35c.).
- Plant Life (Zenke's).** A liquid plant food, tonic and fertilizer. Per 8 oz., 30c. (by mail, 35c.); \$3.50 per gal.
- Potato Fertilizer (Michell's).** Apply 800 to 1000 lbs. per acre. 25 lbs., \$1.25; \$2.00 per 50 lbs.; per 100 lbs., \$3.00; \$5.50 per 200 lbs.; per ½ ton, \$25.00; \$45.00 per ton.
- Poultry Manure (Pulverized).** A splendid fertilizer rich in ammonia and nitrogen. Per lb., 15c.; 25c. per 2 lbs.; 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.50.
- Rose Food (Springfield).** Rich in fertilizing elements for roses. Per 100 lb. bag, \$5.00.
- Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$2.00 per 100 lbs.; 200 lbs., \$3.25; \$13.00 per 1000 lbs.; ton, \$25.00.
- Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; gives quick results. 2 lbs., 25c.; 40c. per 5 lbs.; 10 lbs., 65c.; \$1.25 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; per ton, \$55.00.
- Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of greenhouse plants. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$7.00 per 112 lbs.
- Stim-U-Plant.** A plant food in tablet form. Per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets; 1000 tablets, \$3.50.
- Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25 per cent. of ammonia. 5 lbs., 65c.; \$1.15 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.
- Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.00 per 200 lbs.
- Tankage.** Usually applied to plants such as roses, etc., under glass. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.
- Tobacco Stems.** 60c. for 5 lbs.; bu., \$1.00; \$1.75 per bbl. sack; large bales at 2½c. per lb.; ½ ton, \$17.00; \$32.00 per ton.
- Tobacco Stems (Shredded).** Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.; 1000 lbs., \$25.50; \$50.00 per ton.
- Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. \$5.25 per 200 lbs.; ½ ton, \$23.75; \$45.00 per ton.

Please note. No smaller quantity of fertilizer than here offered can be supplied

(oc)

# MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

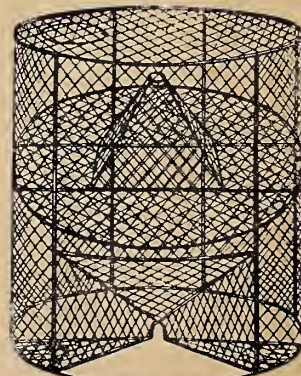


Comparatively few of us recognize the great economic value of birds. Particularly the bluebirds, house wrens and martins are very easily domesticated. Their favorite nesting sites are bird houses made for their use which may be placed about in the garden and farm or in orchards. As rent, these grateful birds pay amply, destroying millions of insects annually. If you put up bird houses in the autumn or before the birds arrive in the spring you may be able to keep birds with you all winter if you provide them with shelter and food.

No.	Each	P. Post	Each
8.	Martin House. 14 room	\$18.00	
11.	Wren House	1.75	\$1.85
12.	Wren House	1.75	1.85
13.	Wren House	1.75	1.85
14.	Wren or Bluebird House	1.75	1.85
17.	Wren House	1.50	1.60
21.	Bluebird House	1.75	1.85
23.	Wren House	1.75	1.85
24.	Wren House	1.75	1.85
25.	For Woodpeckers, Chickadees, Nuthatches, etc.	1.75	1.85
28.	Wren House Beautiful	2.00	2.15
50.	Wren House. Swinging	1.50	1.60
60.	Robin House	1.75	1.85
61.	Wren House. Swinging	1.75	1.85
62.	Bluebird House	1.75	1.85
63.	Wren and Robin House	2.25	2.35
65.	Maryland Wren Box	.50	.60
78.	Martin House. 4 room	5.00	
80.	Wren House	2.00	2.10

## SQUIRREL HOUSE

The trouble with the ordinary squirrel houses is, that all sorts of birds will try to build in them, particularly the sparrow. This house is arranged so that no birds will try to use it, the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting place. Put high up in crotch of a tree. Price, \$5.50 (by mail, \$6.00).



Sparrow Trap

## SPARROW TRAP

(Wire)

We have tried this out and found it to be the best trap made. Scatter a little cracked corn and set trap right over it. You'll be surprised at the catch. \$6.00 each.

It is very important that you make the proper selection of foods for your birds; pure, fresh, clean food is necessary at all times. Our bird seeds are of the highest quality, fresh and recleaned. Your feathered pets will thrive if you get your supplies in this line from us.



**Bird Manna.** Keeps Canary birds in prime condition and prevents the loss of song. Pkg., 15c.

**Canary Seed (Plain Sicily).** Recleaned and of splendid quality. Per lb., 15c. (by mail, 25c.); 70c. per 5 lbs. (by mail, 90c.); 10 lbs., \$1.30 (by mail, \$1.70).

**Canary Seed (Mixed).** A mixture of the finest quality and in proper proportions. Per lb., 15c. (by mail, 25c.); 70c. per 5 lbs. (by mail, 90c.); 10 lbs., \$1.30 (by mail, \$1.70).

**Catnip Balls.** A plaything and tonic for pussy. 20c. each.

**Cuttle Fish Bone.** Good for digestion and general health. Each 5c.; 20c. per 1/4 lb.; per lb., 60c. (by mail, 65c.).

**Fish Food.** For aquariums. Standard and flakes. Per pkg., 15c.

**Hemp Seed.** Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c. (by mail, 25c.); 5 lbs., 70c. (by mail, 90c.); 10 lbs., \$1.30 (by mail, \$1.70).

**Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz., 5c.; 1/4 lb., 10c.; 30c. per lb. (by mail, 40c.).

**Maw Seed.** Calculated to improve the song of canaries, etc. 1/4 lb., 10c.; lb., 25c. (by mail, 35c.); 5 lbs., \$1.10 (by mail, \$1.30).

**Millet Seed (Imported).** Recleaned seed; nutritious and appetizing. Lb., 12c. (by mail, 20c.); 5 lbs., 55c. (by mail, 75c.); 10 lbs., \$1.00 (by mail, \$1.40).

**Parrot Food (Spratt's).** 20c. per pkg.; \$2.00 per doz. pkgs.

**Rape Seed.** Will keep the birds in excellent condition; feed with canary seed. Lb., 15c. (by mail, 25c.); 5 lbs., 70c. (by mail, 90c.); 10 lbs., \$1.30 (by mail, \$1.70).

**Sand.** For bird cages. Red, fine. Pkg., 10c. (by mail, 15c.); \$1.00 per doz. pkgs.

**Sand.** Silver, fine. Pkg., 10c. (by mail, 15c.); \$1.00 per doz. pkgs.

**Sand or Gravel.** Silver; coarse; for parrots' cages. 10c. per pkg. (by mail, 15c.); doz. pkgs., \$1.00.

**Song Restorer.** For Canaries; revives the desire to be lively and sing more lustily. Price, 15c. per bottle; doz., \$1.50.

**Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c. per lb. (by mail, 25c.); 70c. per 5 lbs. (by mail, 90c.); 10 lbs., \$1.35 (by mail, \$1.75); \$3.25 for 25 lbs.

**Unhulled Rice.** Lb., 20c. (by mail, 25c.); 5 lbs., 75c. (by mail, 95c.); 10 lbs., \$1.35 (by mail, \$1.75).

Prices on Bird Seed in larger quantities quoted on application.



## SEMESAN

### A Mercuric Disinfectant



*Accelerates Germination*

*Increases Germination*

*Stimulates Growth*

Du Pont Semesan is a new seed and plant disinfectant. It is the product of years of study and research by the Du Pont Chemists in their endeavor to produce a material capable of controlling the many surface borne seed and plant diseases; simple to use and non-injurious to plant life.

Semesan has met every requirement. In experimental and field tests it has proved itself an active factor in accelerating and stimu-

Price, 30c. per 2 oz. bottle; 4 oz. bottle, \$1.00; \$1.60 per 8 oz. can; 1 lb. can, \$2.75; \$13.00 per 5 lb. can; 25 lb. can, \$62.50.

ating germination or sprouting of various seeds, especially farm and clover seeds, and increasing vigor of growth. Also, its properties of disease control will aid in protecting your plantings against infection from the soil, thus insuring maximum results.

A small quantity will treat many bulbs or a quantity of seed and the results of extra plant sturdiness, immunity to disease and increased production, all occurring earlier in the season, will more than pay for its use.

## SEMESAN FOR THE CONTROL OF BROWN PATCH

"Brown Patch" is a disease caused by a parasitic fungus which lives upon the grass, and is the most objectionable and does the greatest damage to lawns, and the greens and fairways of golf courses. Du Pont Semesan has been employed experimentally to control "Brown Patch" with encouraging results. From the laboratory and field tests so far conducted, it is apparent that Semesan is capable of killing the fungi that cause this disease. Fungicidal treatments with Semesan may be started at any time they are active, excepting during freezing weather, when it is not practicable to make fungicidal applications.

Du Pont Semesan is sold in dry powdered form that is ready for use as a dust, but it may also be employed in liquid form. Liquid Semesan is readily prepared for seed treatment or spraying grass to destroy "Brown Patch" from the powdered product, by adding one part of Semesan by weight to 400 parts of water. A paste should first be made and then stirred into the full quantity of water. Circular, giving full description and instructions, free. Price, 30c. per 2 oz. bottle; 4 oz. bottle, \$1.00; \$1.60 per 8 oz. can; 1 lb. can, \$2.75; \$13.00 per 5 lb. can; 25 lb. can, \$62.50.

# MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan    Earthen Fern Pan    Fern Dish Liner    Seed Pan    Wood Fibre Flower Vase



Cedar Tub    Keystone Tub    Earthen Flower Pot    Azalea Pot    Earthen Bulb Pan    Earthenware Saucer    Wood Fibre Saucer    Rolling Stand

## CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

No.	Inside Diam.	Each
No. 0	24 <sup>3</sup> / <sub>4</sub> in.	\$13.95
No. 1	23 <sup>3</sup> / <sub>8</sub> "	12.40
No. 2	21 <sup>3</sup> / <sub>8</sub> "	11.05
No. 3	18 <sup>11</sup> / <sub>16</sub> "	9.00
No. 4	16 <sup>1</sup> / <sub>2</sub> "	7.30
No. 5	14 <sup>7</sup> / <sub>16</sub> "	6.90
No. 6	12 <sup>7</sup> / <sub>16</sub> "	5.25
No. 7	11 <sup>3</sup> / <sub>4</sub> "	4.65
No. 8	10 <sup>11</sup> / <sub>16</sub> "	4.00

## MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 30c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each
No. 1	6 in.	6 in.	\$0.90
No. 2	7 "	7 "	.95
No. 3	8 "	8 "	1.00
No. 4	9 "	9 "	1.10
No. 5	10 "	9 "	1.20
No. 6	11 "	10 "	1.60
No. 7	12 "	11 "	1.90
No. 8	13 "	12 "	2.40
No. 9	14 "	13 "	2.75
No. 10	15 "	14 "	2.95
No. 11	16 "	15 "	3.40
No. 12	17 "	16 "	3.95
No. 13	18 "	17 "	4.65
No. 14	19 "	18 "	5.65

## PAPER FLOWER POTS

Ins. Diam.	P. Post	P. Post	P. Post	P. Post	
	Doz. per doz.	100	per 100	1000	
2 <sup>1</sup> / <sub>4</sub>	\$0.12	\$0.17	\$0.50	\$0.60	\$4.45
2 <sup>1</sup> / <sub>2</sub>	.15	.20	.60	.70	5.15
3	.18	.23	.80	.90	7.05
3 <sup>1</sup> / <sub>2</sub>	.20	.25	1.00	1.10	9.15
4	.25	.30	1.30	1.45	11.40
5	.30	.35	2.00	2.20	17.75
6	.45	.55	2.70	3.00	21.75

## AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4 <sup>1</sup> / <sub>2</sub> in.	\$0.07	\$0.65	\$4.86
6 "	5 "	.09	.98	7.29
7 "	6 "	.15	1.62	12.15
8 "	7 "	.22	2.34	17.55
9 "	7 <sup>1</sup> / <sub>2</sub> "	.33	3.60	27.00
10 "	8 "	.45	4.86	36.45
12 "	10 "	.91	9.90	74.25

## FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 <sup>7</sup> / <sub>8</sub> in.	\$0.22	\$2.16	\$14.40

## SEED PANS (Earthenware)

	Each	Doz.
6 inches square	\$0.83	\$9.00
8 " " "	1.11	12.06
10 " " "	1.38	15.12
12 " " "	1.65	18.00

## EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.	\$0.09	\$0.98	\$7.29
7 " " "	.15	1.62	12.15
8 " " "	.22	2.34	17.55
9 " " "	.33	3.60	27.00
10 " " "	.45	4.86	36.45
12 " " "	.91	9.90	74.25
14 " " "	1.48	16.20	121.50

## WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Each	P. Post	Doz.
0	8 in.	13 in.	\$1.65	\$1.80	\$18.60
1	5 <sup>1</sup> / <sub>2</sub> "	10 "	1.40	1.50	16.20
2	4 <sup>1</sup> / <sub>2</sub> "	9 "	1.25	1.35	14.40
3	4 "	6 "	1.10	1.20	12.60
4	3 "	4 <sup>1</sup> / <sub>2</sub> "	.90	1.00	10.20
11	5 "	18 "	1.95	2.10	22.00
22	4 <sup>1</sup> / <sub>2</sub> "	15 "	1.75	1.85	20.00
33	4 "	12 "	1.60	1.70	18.00
44	3 "	9 "	1.25	1.35	14.00

## CUT FLOWER VASES (Galvanized Iron)

No.	Top Diam.	Depth	Cap.	Each
65	7 <sup>1</sup> / <sub>2</sub> in.	8 in.	8 Qt.	\$0.50
66	8 <sup>3</sup> / <sub>4</sub> "	10 "	10 "	.65
67	7 <sup>3</sup> / <sub>4</sub> "	12 "	12 "	.75
68	8 <sup>3</sup> / <sub>4</sub> "	12 <sup>1</sup> / <sub>2</sub> "	14 "	.85
69	8 <sup>3</sup> / <sub>4</sub> "	18 "	16 "	1.00

## EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 inch	\$0.02	\$0.17	\$1.22	\$11.48
2 " "	.02	.18	1.02	9.56
2 <sup>1</sup> / <sub>4</sub> " "	.02	.18	1.16	10.84
2 <sup>1</sup> / <sub>2</sub> " "	.02	.18	1.35	12.75
3 " "	.03	.24	1.76	16.58
3 <sup>1</sup> / <sub>2</sub> " "	.03	.29	2.16	20.40
4 " "	.04	.36	2.70	25.50
4 <sup>1</sup> / <sub>2</sub> " "	.06	.49	3.65	34.43
5 " "	.07	.65	4.86	45.90
5 <sup>1</sup> / <sub>2</sub> " "	.08	.81	6.08	57.38
6 " "	.09	.98	7.29	68.85
6 <sup>1</sup> / <sub>2</sub> " "	.13	1.30	9.72	91.80
7 " "	.15	1.62	12.15	.....
8 " "	.22	2.34	17.55	.....
9 " "	.33	3.60	27.00	.....
10 " "	.45	4.86	36.45	.....
11 " "	.66	7.20	54.00	.....
12 " "	.91	9.90	74.25	.....
14 " "	1.48	16.20	121.50	.....

## EUREKA POT HANGERS

20c. each; doz., \$2.00 (by mail, \$2.10); \$12.50 per 100.

## KRICK POT HANGERS

No.	Each	Doz.	P. Post
No. 1	\$0.07	\$0.70	\$0.80
No. 2	.08	.80	.90
No. 3	.09	.90	1.00

## WOODEN ORCHID BASKETS (Square)

	Each	Doz.
4 inch	\$0.50	\$5.00
10 " "	.75	7.50
12 " "	1.00	10.00

## EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 <sup>7</sup> / <sub>8</sub> in.	\$0.06	\$0.54	\$4.05
4 <sup>3</sup> / <sub>4</sub> " "	2 <sup>1</sup> / <sub>8</sub> " "	.07	.72	5.40
5 <sup>1</sup> / <sub>2</sub> " "	2 <sup>1</sup> / <sub>4</sub> " "	.09	.90	6.75
6 <sup>1</sup> / <sub>4</sub> " "	2 <sup>1</sup> / <sub>2</sub> " "	.10	1.08	8.10
7 " "	2 <sup>5</sup> / <sub>8</sub> " "	.12	1.26	9.45
8 " "	3 <sup>3</sup> / <sub>8</sub> " "	.17	1.80	13.50
9 " "	3 <sup>1</sup> / <sub>4</sub> " "	.20	2.16	16.20

## EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.03	\$0.27	\$2.03
5 " "	.04	.36	2.70
6 " "	.06	.54	4.05
7 " "	.07	.72	5.40
8 " "	.10	.99	7.43
9 " "	.14	1.35	10.13
10 " "	.15	1.62	12.15
11 " "	.19	1.98	14.85
12 " "	.23	2.43	18.23
14 " "	.37	4.05	30.38

## WOOD FIBRE SAUCERS

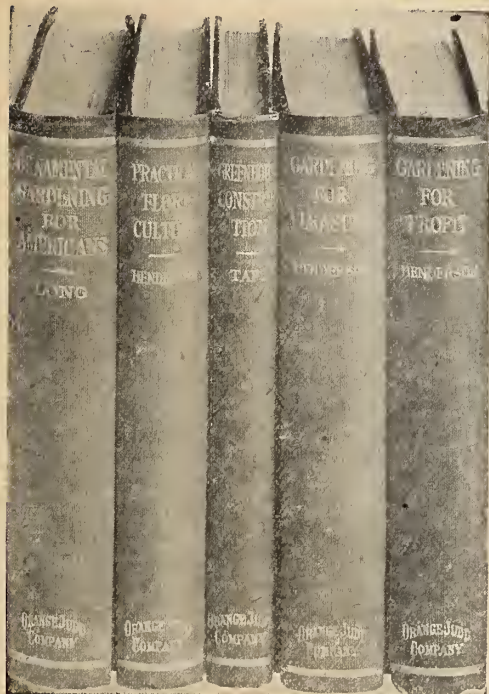
Extremely desirable on account of being absolutely waterproof.

	Each	P. Post	Doz.
5 inches	\$0.32	\$0.38	\$3.60
6 " "	.34	.40	3.90
7 " "	.37	.43	4.20
8 " "	.39	.45	4.50
9 " "	.43	.49	4.90
10 " "	.46	.52	5.30
12 " "	.55	.63	6.30
14 " "	.74	.82	8.40
16 " "	1.31	1.41	15.00
18 " "	1.52	1.62	17.40
20 " "	1.95	2.07	22.00

## RUBBER SAUCERS

	Each	P. Post	Doz.	100
6 inch	\$0.15	\$0.21	\$1.50	\$11.00
7 " "	.25	.31	2.25	15.00

NOTE—Earthenware cannot be packed for shipment by Parcel Post.



### BOOKS ON FLOWERS, VEGETABLES, ETC.

Alfalfa (F. D. Coburn). Its growth, uses, etc., 160 pages . . .	\$0.90
Agriculture, The Principles of (Bailey). A text-book . . .	1.80
Asparagus (Hexamer). Its culture. 174 pages . . .	.90
Bean Culture (Sevey). A comprehensive book; 144 pages . . .	.90
Berry Book (Biggle). Gives all details; 140 pages . . .	.50
Botany (Wright). Cloth . . .	.75
Bulb Growing for Amateurs (Thomas). 157 pages . . .	.75
Bulbs and Tuberous Rooted Plants (Allen). 312 pages . . .	2.00
Cabbage, Cauliflower and Allied Vegetables (Allen) . . .	.90
Canning and Preserving. Mrs. S. T. Rorer . . .	1.00
Celery Culture (Beatie). A practical guide; 150 pages . . .	.90
Chrysanthemum Manual (Smith). A complete guide . . .	.75
Clovers and How to Grow Them (Shaw). 337 pages . . .	2.00
Commercial Carnation Culture. An up-to-date book . . .	1.75
Commercial Floriculture. 560 pages. (By Fritz Bahr) . . .	5.00
Farm and Garden Rule Book (Bailey). 302 pages . . .	3.00
Farm Grasses of the United States (Spillman). 248 pages . . .	1.75
Farmers' Account Book (G. A. Boehne). Very practical . . .	3.00
Fertilizers (Gregory). How to make and use; paper . . .	.50
Flowers, How to Grow Them (Rexford) . . .	1.00
Forcing Book (Bailey) . . .	2.00
Four Seasons in the Garden (Rexford). 307 pages . . .	1.75
Fruit Culturist, American (Thomas). 758 pages . . .	3.50
Fruit Garden (Barry). A standard work; 516 pages . . .	2.25
Fruits and Vegetables Under Glass . . .	5.00
Garden Book, The Practical (Hunn and Bailey) . . .	1.75
Garden Guide. A complete treatise on the garden; 360 pages. Cloth, \$1.50; Paper, \$1.00.	
Gardening for Pleasure. A guide to the amateur in the fruit, flower and vegetable garden; 404 pages . . .	2.00
Gardening for Profit (Henderson). On vegetable gardening; 376 pages . . .	2.00
Garden-Making (Bailey). Tells how to utilize grounds . . .	2.25
Garden Note Book, Pages from a (King). Very instructive . . .	3.00
Grape Culturist (Fuller). Best work on the hardy grape . . .	2.00
Greenhouse Construction (Taft). 210 pages . . .	2.25
Greenhouse Management (Taft). 382 pages . . .	2.25
Handbook of Plants (Henderson). A dictionary on plants . . .	3.50
Hardy Garden Book, A Woman's (Ely) . . .	2.00
Home Floriculture (Rexford). A guide for the amateur . . .	1.75
Home Fruit Grower (Kains). Cloth, \$1.50; Paper . . .	1.00
How to Grow Roses (Robert Pyle). 189 pages . . .	1.75
How to Grow Vegetables (Allen French) . . .	2.00
How to Plan the Home Grounds (Parsons) . . .	1.25
Johnson's Gardeners' Dictionary . . .	6.50
Landscape Gardening, Practical (Robt. B. Cridland) . . .	2.50
Landscape Gardening (Maynard) . . .	2.50

### BOOKS ON FLOWERS, VEGETABLES, ETC. (Continued)

Melon Culture (Troop). 100 pages . . .	\$0.90
Milady's House Plants. Cloth, \$1.00; Paper . . .	.75
Mushroom Culture (Duggar). 260 pages . . .	2.00
Mushrooms, How to Grow (Falconer). 170 pages . . .	1.60
Onion Culture, The New (Greiner). 140 pages . . .	.90
Onions, How to Raise Them Profitably . . .	.40
Orchard Book (Biggle) . . .	.50
Ornamental Gardening (Long). 300 pages . . .	2.00
Peanut Culture (Jones) . . .	.50
Peas and Pea Culture (Sevey) . . .	.90
Plant Culture (Oliver and Hottes). 444 pages . . .	3.50
Plant Propagation, Practical (Hottes) . . .	2.00
Practical Book of Outdoor Rose Growing (Thomas) . . .	7.50
Practical Floriculture (Henderson). 325 pages . . .	2.00
Principles and Practice of Pruning (Kains). 400 pages . . .	2.50
Principles of Fruit Growing (Bailey) . . .	2.50
Potato, The (Fraser). 200 pages . . .	1.00
Pruning Manual (Bailey) . . .	2.50
Rhubarb Culture, The New (Morse and Fiske) . . .	.90
Right Use of Lime in Soil Improvement (Agee) . . .	1.25
Rose Culture (Ellwanger). A standard book on Roses . . .	1.75
Rose Growing for Amateurs (Thomas). 160 pages . . .	.75
Rose in America, The (McFarland). Very helpful for the home rose grower; 245 pages . . .	3.00
Small Fruit Culturist (Fuller). 298 pages . . .	1.60
Soils (Burkett). 300 pages . . .	1.75
Spraying Crops (Weed). 140 pages . . .	.90
Standard Cyclopaedia of Horticulture (Bailey). Six volumes, more than 3600 pages . . .	40.00
Strawberry Culture (Fuller). Contains all information . . .	.40
Study of Corn, the (Shoemith). 100 pages . . .	.90
Sweet Corn Culture (Wilkinson). 203 pages . . .	1.00
Sweet Pea Culture (Michell). Free with orders.	
Sweet Peas and How to Grow Them (Thomas). 117 pages . . .	.75
Sweet Peas for Profit . . .	1.75
Sweet Potato Culture (Fitz). 80 pages . . .	.90
The Small Country Place (Maynard). Well illustrated . . .	1.75
The Spraying of Plants (Lodeman) . . .	1.75
Tomato Culture (Tracy). 150 pages . . .	.90
Vegetable Forcing (Watt's). 452 pages . . .	2.50
Vegetable Gardening, Principles of (Bailey). 489 pages . . .	4.00
Vegetable Gardening (Watts). 511 pages . . .	2.50
Vegetable Growing for Amateurs (Thomas). 157 pages . . .	.75
Violet Culture (Galloway). 248 pages . . .	1.75
Violet Culture (Saltford) . . .	.30
Water Gardening, Book of (Bisset) . . .	3.50
Wheat Culture (Curtiss) . . .	.50
Wild Flower Book for Young People (Lounsberry) . . .	2.50

### BOOKS ON POULTRY AND ANIMALS

A. B. C. of Bee Culture (Root). 856 pages . . .	\$3.00
Artificial Incubating and Brooding. 112 pages, illustrated . . .	1.00
Asiatics. Brahmas, Cochins and Langshans. 96 pages . . .	.50
Campines, The. A complete book on this beautiful fowl; 88 pages . . .	.75
Chick Book, The. Tells how to obtain good hatches . . .	.50
Diseases of Poultry (Salmon). 248 pages . . .	1.00
Ducks and Geese (Robinson). 448 pages. Paper, \$2.50; Cloth . . .	3.50
Egg Record and Account Book . . .	.40
Fundamentals in Poultry Breeding. 160 pages . . .	2.00
High Egg Production by Individual Hens, Pens and Flocks. 176 pages . . .	2.00
How to Feed Poultry for Any Purpose with Profit. 112 pages . . .	1.25
Leghorns. The best mating schemes clearly described . . .	1.00
Minorcas (Northrup). 50 pages. Paper . . .	.50
Orpingtons, The. 80 pages . . .	.75
Plymouth Rocks, The. 144 pages . . .	1.00
Poultry for Exhibition. 176 pages . . .	2.00
Poultry Houses and Fixtures. 112 pages . . .	1.00
Poultry Production (Lippincott). 517 pages . . .	3.00
Profitable Culling and Selective Flock Breeding. 120 pp . . .	1.50
Rhode Island Reds (Hale). 88 pages . . .	.75
Standard of Perfection. Explains all the scoring points . . .	2.50
Successful Back Yard Poultry Keeping. 104 pages . . .	1.00
Turkeys. Care and management. 350 pages . . .	2.00
Use of Artificial Light to Increase Winter Egg Production. 112 pages . . .	1.50
Wyandottes, The (Grevenstedt). All strains. 160 pages . . .	1.00

We can furnish any other books (horticultural or agricultural publications) not mentioned here that might be desired (oc)

# 72 INDEX TO CONTENTS OF MICHELL'S 1924 BULB CATALOG

## Seeds

Alfalfa.....	Page 48
Bird Seeds.....	69
Clovers.....	43
Farm Seeds.....	48, 49
Flower Seeds.....	21 to 27
Grass Seeds.....	46, 47
Mushroom Spawn.....	44
Onion Sets.....	44
Pop Corn.....	44
Rape, Essex.....	48
Rye, Winter.....	48
Timothy.....	48
Vegetable Seeds.....	43 to 45
Veitches.....	48
Wheat.....	49

## Bulbs, Roots, Etc.

Aconite.....	13
Amaryllis.....	13
Anemone.....	13
Asparagus.....	43
Begonias.....	14
Callas.....	14
Chinese Lilies.....	8
Chinodoxa.....	16
Crocus.....	15
Crown Imperial.....	15
Dielytra.....	15, 30
Freesia.....	16
Gloxinias.....	16
Grape Hyacinths.....	17
Hyacinths.....	2, 3
Iris.....	1, 17
Lilias.....	17
Jonquils.....	9
Lilip.....	4, 5
Lily of the Valley.....	18, 31
Montbretias.....	18
Narcissus.....	6 to 9
Nerine.....	18
Ornithogalum.....	18
Oxalis.....	19
Ranunculus.....	19
Rhubarb.....	45
Sellas.....	19
Snowdrops.....	20
Spiraea.....	20
Tulips.....	10 to 12B
Zephyranthes.....	20

## Plants, Etc.

Achillea.....	29
Aconitum.....	29
Agrostemma.....	29
Akebia.....	36
Almond, Flowering.....	37
Althaea.....	37
Alyssum.....	39
Ampelopsis.....	37
Amygdalus.....	39
Anchusa.....	29
Apples.....	41
Apricots.....	41
Aquilegia.....	29
Arabis.....	39
Arborvitae.....	39
Aristolochia.....	36
Armeria.....	29
Artemisia.....	29
Asclepias.....	29
Ash.....	40
Asparagus.....	43
Asters.....	29, 30
Astilbe.....	30
Baby's Breath.....	31
Berberis.....	37, 38
Beech.....	36
Bignonia.....	36
Blackberries.....	41
Bocconia.....	30
Boltonia.....	30
Boxwood.....	38
Bridal Wreath.....	38
California Privet.....	38
Callicarpa.....	37
Calycanthus.....	37
Campanula.....	40
Candytuft.....	31
Carnations.....	30
Catalpa.....	40
Celastrus.....	36
Centauria.....	30
Cercis.....	37
Cherries.....	41
Chrysanthemum.....	30
Clematis.....	36
Clethra.....	37
Crab, Flowering.....	37, 40
Corylopsis.....	30
Cornus.....	37
Columbine.....	29
Currants.....	41
Cypress.....	39
Cytisus.....	37
Delphinium.....	30
Deutzia.....	37
Dianthus.....	30
Dielytra.....	15, 30
Digitalis.....	30
Dogwood.....	37
Elm.....	40
Eryngium.....	31
Eupatorium.....	31

## Plants, Etc.—Con.

Evergreens.....	Page 39
Evonymus.....	36, 37
Exochorda.....	37
Ferns.....	31
Forsythia.....	37
Foxglove.....	31
Gaillardia.....	31
Golden Rod.....	35
Gooseberries.....	41
Grape Vines.....	41
Grasses (Ornamental).....	31
Gypsophila.....	31
Hedge Plants.....	38
Helenium.....	31
Helianthemum.....	31
Helianthus.....	31
Heliopsis.....	31
Hemerocallis.....	31
Hibiscus.....	31
Hollyhock.....	31
Honeysuckle.....	36, 37
Hop Vine.....	36
Hydrangea.....	37
Iberis.....	31
Iris.....	32
Jasminum.....	37
Juniper.....	39
Judas or Red Bud.....	37
Larch.....	40
Larkspur (Hardy).....	30
Lathyrus.....	32
Liatis.....	31
Lilacs.....	38
Lily of the Valley.....	18, 31
Linden.....	40
Lobelia.....	32
Lonicera.....	37
Lupinus.....	32
Lychnis.....	32
Lycium.....	36
Lysimachia.....	32
Malus.....	37, 40
Mapiis.....	40
Mertensia.....	32
Mock Orange.....	37
Monarda.....	32
Mountain Ash.....	40
Mulberry.....	40
Oak.....	40
Oenothera.....	32
Pachysandra.....	34
Paeonies.....	33
Peaches.....	41
Pears.....	41
Peppercorn.....	34
Pepper Bush.....	37
Philadelphus.....	36
Phlox.....	34
Physalis.....	34
Picea.....	39
Pine.....	41
Pinks.....	30, 34
Plane.....	40
Platyodon.....	34
Plumbago.....	34
Plums.....	34
Polygonum.....	36
Poplar.....	35
Poppy.....	35
Primula.....	35
Privet.....	38
Pyrethrum.....	35
Pyrus.....	37
Quinces.....	41
Ranunculus.....	35
Raspberries.....	41
Retinospora.....	39
Rhus.....	38
Rose of Sharon.....	37
Roses.....	39
Rudbeckia.....	35
Salisburya.....	40
Salvia.....	35
Scabiosa.....	35
Sedum.....	35
Shade Trees.....	40
Shrubs.....	37, 38
Snowball.....	38
Snowberry.....	38
Solidago.....	35
Spiraea.....	35, 38
Spruce.....	39
Statice.....	35
Stokesia.....	35
Strawberries.....	41
Sweet Shrub.....	37
Sweet William.....	35

## Plants, Etc.—Con.

Symphoricarpos.....	Page 38
Syringa.....	38
Tamarix.....	38
Taxus.....	39
Thalictrum.....	35
Thuja.....	39
Trees.....	40, 42
Trillium.....	35
Tulip Tree.....	40
Umbrella Tree.....	40
Valeriana.....	35
Veronica.....	35
Viburnum.....	38
Vinca.....	35
Violets.....	28
Vitex.....	38
Weigella.....	38
Willow.....	40
Wistaria.....	36
Yews.....	39
<b>Implements, Sundries, Etc.</b>	
Ant Exterminator.....	66
Anti-Clover Fertilizer.....	67
Aphine.....	66
Aphis Plug.....	66
Aprons.....	63
Arsenate of Lead.....	66
Ashes.....	67
Asparagus Fertilizer.....	67
Auto Heaters.....	63
Axes, Heaters.....	52
Bacteria.....	49, 67
Bamboo Poles.....	60
Barrels.....	51
Barrel Trucks.....	51
Baskets.....	51
Beetol Spra.....	66
Blews.....	67
Bird House.....	68
"Black Leaf (40)".....	66
Blood (Dried).....	67
Blood Flour.....	67
Bone Arbor.....	67
Bone (Coarse Ground).....	67
Bone Flour.....	67
Bone Meal.....	67
Books.....	71
Bordeaux Arsenate.....	66
Bordeaux Mixture.....	66
Bordo Lead.....	66
Brooms.....	64, 65
Brooders.....	64, 65
Brooms.....	51
Brushes.....	51, 55
Bug Death.....	66
Bulb Fibre.....	20, 65
Bulb Pans.....	20, 70
Bulldog Clips.....	63
Canning Apparatus.....	56
Carbolium.....	66
Carnation Bands.....	63
Carnation Clips.....	63
Carnation Food.....	67
Carnation Staples.....	63
Carnation Supports.....	55
Celery Bleachers.....	51
Celery Handlers.....	51
Celery Hiller.....	51
Celery Paper.....	51
Celery Tape.....	63
Charcoal.....	20
Chrysanthemum Manure.....	67
Cider Kegs.....	56
Cider Mills.....	56
Clay's Fertilizer.....	67
Clenel.....	66
Copper Solution.....	66
Corn Knife.....	52
Corn Poppers.....	43
Corn Shellers.....	56
Cotton Seed Meal.....	67
Cow Manure.....	67
Cut Flower Boxes.....	57
Cut Flower Vases.....	70
Cyanegg.....	66
Dalmatian Powder.....	66
Dibbles.....	66
Dried Blood.....	67
Dy-Sect.....	65
Extension Pipes.....	62
Farmogerm.....	49, 67
Fern Dish Liners.....	70
Fern Pans.....	70
Fertilizers.....	67
Fertilizer Distributors.....	60
Fish Oil Soap.....	69
Flower Bed Fencing.....	53
Flower Pots.....	20, 70
Flower Scissors.....	54
Fruit Pickers.....	56
Fruit Presses.....	56
Fumigators.....	61

## Implements, Sundries, Etc.—Con.

Getz There Soap.....	Page 66
Glass Clamps.....	67
Glass Cleaner.....	57, 63
Glass Cutters.....	57
Glazing Cement.....	57
Glazing Gun.....	57
Glazing Points.....	57
Grafting Tool.....	55
Grafting Wax.....	55, 63
Grape Dust.....	66
Grape Grinders.....	56
Grape Scissors.....	54
Grass and Grain Fertilizer.....	67
Grass Grower.....	67
Greenhouse White.....	67
Grindstones.....	50
Hammers.....	52
Harrows.....	50
Hatchets.....	52
Hay and Feed Cutter.....	56
Hedge Knives.....	52
Hellebore.....	66
Hog Manure.....	67
Horn Shavings.....	67
Hose.....	58
Hose Bands.....	58
Hose Connections.....	58
Hose Couplings.....	58
Hose Coupling Parts.....	58
Hose Menders.....	58
Hose Nozzles.....	58
Hose Reducers.....	58
Hose Reels.....	58
Hose Washers.....	58
Hot Bed Mats.....	59
Hot Bed Sash.....	59
Hovers.....	64, 65
Humus.....	67
Husking Pins.....	52
Hyacinth Glasses.....	3, 20
Hydrant Attachments.....	58
Incubators.....	64
Inoculating Bacteria.....	49, 67
Insecticides.....	66
I X L Compound.....	66
Kainit.....	67
Kerosene Emulsion.....	66
Knives.....	54
Labels.....	53
Ladders.....	52
Land Plaster.....	67
Land Cleaners.....	50
Lawn Rakes.....	52
Lime Sand.....	66
Leaf Mould.....	20, 63
Leaf Racks.....	51
Lemon Oil.....	66
Lime.....	67
Limestone.....	67
Line Sulphur.....	66
Liquid Manure Distributor.....	62
Lopping Shears.....	54
Lotol.....	66
Mag-O-Tite.....	66
Manure.....	67
Marking Pencils.....	57
Mastic.....	67
Mastic Machine.....	57
Mats.....	59
Mattocks.....	52
Melon Nets.....	44
Melrosine.....	66
Mole Traps.....	66
Mo-Lo.....	66
Moose Wrenches.....	52
Moss.....	63
Mouse Traps.....	51
Mulford Culture.....	49, 67
Muriate of Potash.....	67
Nlco Fume.....	66
Nlco Fume Tobacco Powder.....	66
Nicotine Fumigator.....	66
Nicotine.....	66
Nikoteen.....	66
Nitrate of Soda.....	66
Nozzle Holder.....	58
Nozzles.....	58, 62
Oct Sprouter.....	65
Orchid Baskets.....	70
Paper.....	59
Para-Dichlorobenzine.....	66
Paris Green.....	66
Peat.....	63
Penblies.....	8, 20, 63
Perian Powder.....	66
Picks.....	67
Picks.....	67
Plant Food.....	67
Plant Labels.....	53
Plant Spray.....	66
Plant Stakes.....	69
Plant Stands.....	67
Plant Support.....	55
Plant Tubs.....	70
Plaster.....	67
Plers.....	52
Poles.....	54, 60

## Implements, Sundries, Etc.—Con.

Post Hole Diggers.....	Page 52
Pots.....	53
Pot Hangers.....	59, 70
Pot Labels.....	53
Pots.....	20, 70
Poultry Fountain.....	65
Poultry Manure.....	67
Poultry Supplies.....	64, 65
Protecting Cloth.....	59
Pruners.....	54
Pruning Compound.....	63
Pruning Gloves.....	55
Pruning Saws.....	55
Putty.....	67
Putty Distributor.....	57
Pyrox.....	66
Raffa.....	63
Raffa Tape.....	63
Rakes.....	52
Rat Corn.....	66
Rat Traps.....	51
Reckless Rose Bug Ext.....	51
Road Brushes.....	51
Roofing Paper.....	59
Root Cutters.....	56
Rose Food.....	67
Rubbers Aprons.....	63
Rubber Hose.....	58
Rubber Sprinklers.....	62
Rubbish Baskets.....	51
Rubbish Consumers.....	51
Salt.....	67
Salt Bricks.....	65
Sand.....	20, 63
Sash.....	59
Saws.....	55
Scafeide.....	66
Scraper.....	55
Screw Drivers.....	52
Seeders.....	70
Stakes.....	69
Semesan.....	69
Shaderine.....	63
Shading Cloth.....	59
Shears.....	54
Sheep Manure.....	67
Shoo Fly.....	66
Shovels.....	53
Sieves.....	50
Slug Shot.....	66
Snow Shovels.....	53
Soap Spray.....	66
Soot.....	20, 63
Sparrow Trap.....	68
Sprayers.....	61, 62
Sprinklers.....	62
Squirrel House.....	63
Stakes.....	60
Stake Fasteners.....	60
Staples.....	55
Stim-U-Plant.....	67
Strainer.....	62
Sulco, Y. B.....	67
Sulphate of Ammonia.....	67
Sulphate of Copper.....	66
Sulphate of Potash.....	67
Sulpho Tobacco Soap.....	66
Sulphur.....	61
Sulphur Flower.....	66
Sulphur Candles.....	66
Sunoco Spray Oil.....	66
Syringes.....	62
Tanglefoot Fly Spray.....	66
Tankage.....	67
Thermometers.....	44, 57
The Hostas.....	57
The Jule.....	66
Tinfol.....	63
Tobacco Dust.....	66
Tobacco Soap.....	66
Tobacco Stems.....	66, 67
Toothpicks.....	63
Traps.....	51
Tree Guards.....	55
Tree Labels.....	53
Tree or Bark Brushes.....	55
Tree Paint.....	63
Tree Pruners.....	54
Tree Scraper.....	55
Tree Tanglefoot.....	66
Trowels.....	53
Tubs.....	70
Twine.....	63
Vaporizing Lamps.....	61, 66
Vases.....	70
Wagon Heaters.....	63
Wall Nails.....	55
Water Cans.....	63
Weeders.....	53
Weed Killer.....	63
Wheat Fertilizer.....	67
Wheelbarrows.....	50
Wire.....	60
Wire and Tin Shears.....	54
Wire Netting.....	55
Worm Killer.....	66
Wrenches.....	52
Zementine.....	63
Zenoleum.....	66





Check  
Column

Quantity

ARTICLES WANTED

TOTAL

DOLLARS

CENT

AMOUNT FORWARD

(SEE OTHER SIDE)

# MICHELL'S BULBS



## NARCISSUS

### 1—BICOLOR VICTORIA

First size bulbs, Ea. 12c; Doz. \$1.00;  
\$6.75 per 100; \$58.00 per 1000  
Monsterbulbs, Ea. 15c; Doz. \$1.25;  
\$9.25 per 100; \$85.00 per 1000

### 2—GOLDEN SPUR

First size bulbs, Ea. 12c; Doz. \$1.00;  
\$6.75 per 100; \$58.00 per 1000  
Monsterbulbs, Ea. 15c; Doz. \$1.25;  
\$9.25 per 100; \$85.00 per 1000

### 3—EMPEROR

First size bulbs, Ea. 12c; Doz. \$1.00;  
\$6.75 per 100; \$58.00 per 1000  
Monsterbulbs, Ea. 15c; Doz. \$1.25;  
\$9.25 per 100; \$85.00 per 1000

If wanted by Parcel Post, add 15c  
per doz., 50c per 100, for postage

See body of this catalog for other of-  
ferings of Narcissus; refer to index

HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.



**MICHELL'S TOP NOTCH  
LAWN GRASS SEED**

Autumn is an ideal time to make a new lawn or renovate an old one.

**PRICES**

4 Quarts, \$1.50 Per Peck, \$2.75  
Bushel (25 lbs.), \$10.00

*See body of this catalog for other Grass Seed offers; refer to index*

**HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.**